
Immunology **Products**

Quick Guide Catalogue Version 6

Specificity & Sensitivity. Reproducibility & Reliability.
Fast Track Your Research.



Discover Diaclone

With 30 years of experience and expertise, high quality is the hallmark of Diaclone, firmly establishing us as a centre of excellence in Monoclonal Antibody research and Immunoassay Kit development. The expanding range of Diaclone immunology products is specifically designed to advance research, preclinical and diagnostic applications in the fields of **Immunotherapy & Cancer, Vaccinology, Allergy, Autoimmune diseases, amongst others.**

Our experience and expertise coupled to the diversity and quality of our product range make Diaclone a clear choice to:

Fast Track Your Research.

Diaclone is based in Besançon, France and is a member of the french Biotech Investissement group (www.mabexperts.com).

More than 300 references for applications in research and diagnosis: cancer markers, CD markers, cytokines, cytokine receptors, chemokines, T-Cells and adhesion molecules.

*'Providing excellence
in Monoclonal Antibodies,
Recombinant Proteins
and Immunoassay
Development.'*

- Custom development & Manufacture
- Established & trusted Expertise
- Flexibility to suit your needs
- Direct contact for technical assistance
- Experienced scientific development team
- ISO 9001:2015 accredited facilities
- BULK MONOCLONAL ANTIBODY AND IMMUNOASSAY SUPPLY
- OEM OPPORTUNITIES
- PARTNERSHIP OPPORTUNITIES

Products include:



Monoclonal
Antibodies



DIAplex



ELISpot



ELISA



Recombinant
Proteins



Custom
Services

Put the Quality of Diaclone Products to the Test

Put our Quality to the test by evaluating our Discovery range. Diaclone Discovery formats provide an excellent means to assess the suitability of our products for your current and future needs in a cost effective manner.

Discovery formats are available for ELISA, ELISpot and Monoclonal Antibody products and are highlighted in the respective catalogue sections.

Quality

Diaclone is committed to the highest level of quality in the design, development, manufacture, sale and support of products for the research community. The Diaclone quality management system is certified to ISO 9001 ensuring that high quality products and service are always maintained. Through our extensive knowledge in antibody and immunoassay development we pride ourselves on the quality of technical and customer service we provide to our customers.

Regulatory

All Diaclone products are sold for RUO (research use only), unless stated otherwise within the instruction manual or product supporting documentation. CE marked products are available for IVD use in the EU only and are highlighted throughout this document. Diaclone products with no limitations are not to be administered to humans or used for therapeutic purposes.

Diaclone

Recombinant Proteins



COMING SOON!

To fit the needs of the scientific community, recombinant proteins for a wide range of applications (cell culture, immunoassays...) are currently under development in our laboratory.

INTERLEUKINS (IL-1b, IL-2, IL-6, IL-7, IL-15...), IFN gamma, TNF alpha, CD markers, FC fusion proteins... and many other targets under development.

- Biologically active proteins (cytokines, growth factors...)
- With or without tag
- With or without carrier
- Human, Guinea Pig and Murine recombinant proteins
- Available in different formats: catalogue format (10 µg and 25µg) or bulk format
- Lyophilised form
- Expression in different systems (E. Coli, Mammalian cells or cell free systems (Wheat germ extracts)
- Quality controls
- Specific of your applications!

Contact us for list and pricing

Struggling to find a protein of interest?

Please take a look at our Custom Protein Development service: The expertise of our scientists in cloning, expression and purification, will assist you in the development and the supply of high quality recombinant proteins according to your specifications.

Please enquire!

Diaclone DIAplex



Diaclone DIAplex

Diaclone DIAplex is a sensitive multiplex fluorescent bead-based immunoassay for the simultaneous quantification of multiple analytes from a single sample by flow cytometry.

Versatility and Simplicity

- Measure up to 10 analytes simultaneously from a small sample volume.
- Choose from ready configured detection panels or create your own.
- Simple to use software provided free of charge.
- Test either serum, plasma or cell culture supernatants.
- Compatible with most flow cytometers.
- Suitable for use in most areas of Immunological research including Cancer, Autoimmunity, Infection, Transplantation and Vaccine development.

Versatility and Simplicity

- Cost effective and time saving with multiple results from a single experiment.
- NIBSC standard calibration (where available).
- Robust validation.
- Accurate quantitative results.

Free software download available at www.diaclone.com

Flexible by design

Diaclone DIAplex Complete

DIAplex Complete provides multiplex assay sets which are preconfigured for the detection of a panel of analytes for investigation of a specific scientific area. An individual experiment can provide measurements of several analytes from a single sample. Available as 96 tests per Analyte.

Panel Catalogue No. (Anti-human)	Th1 Anti-Human 880.110.004 4-plex	Th2 Anti-Human 880.120.003 3-plex	Th1/Th2 Anti-Human 880.140.007 7-plex	Inflammation Anti-Human 880.130.004 4-plex	Th1/Th2/ Inflammation Anti-Human 880.100.010 10-plex	Murine DIAplex Anti-Mouse 890.000.005 5-plex
IFN- γ	●		●		●	●
IL-1 β				●	●	
IL-2	●		●		●	●
IL-4		●	●		●	
IL-6		●	●		●	●
IL-8				●	●	
IL-10		●	●		●	●
IL-12p70	●		●		●	
IL-17A				●	●	●
TNF- α	●		●	●	●	

Diaclone DIAplex Design

DIAplex Design combines the benefits of multiplexing with the ability to design your own analyte detection panel. The assays have been designed for use individually (simplex) or combined to create any size flex system. Each combination is supplied with a DIAplex accessory kit. Available as 96 tests per Analyte.

Analyte	Human Catalogue Number	Murine Catalogue Number
IFN- γ	880.000.001	890.010.001
IL-1 β	880.006.001	
IL-2	880.010.001	890.020.001
IL-4	880.020.001	
IL-6	880.030.001	890.060.001
IL-8	880.050.001	
IL-10	880.060.001	890.030.001
IL-12p70	880.070.001	
IL-17A	880.940.001	890.040.001
TNF- α	880.090.001	
DIAplex Accessory kit	880.999.000	880.999.000

Diaclone ELISpot



Diaclone ELISpot are highly specific immunoassays for the analysis of the production and secretion of cytokines and other soluble molecules from individual cells in conditions closely comparable to the *in vivo* environment with minimal cell manipulation.

As well as single analyte detection, Diaclone Dual ELISpot (Enzymatic detection) and Dual Fluorospot (Fluorescent detection) Sets are available for multiple analytes detection. Dual sets enable the simultaneous detection of cells secreting either individual analyte or cells co-secreting both analytes.

- This technique is amongst the most sensitive available for cytokine research with a technically easy performance.
- ELISpot assays have spread to most areas of immunological research due to their sensitivity including Cancer, Autoimmunity and Vaccine development where they are considered a very valuable investigation tool.
- Suitable for single test analysis without a need for high-tech equipment all the way through to large scale clinical trials utilizing fully automated assay systems.
- A number of Diaclone Dual ELISpot and Fluorospot products are currently in use in Clinical trials.

Formats Available

Diaclone ELISpot Kits: Pre-coated PVDF plate(s), Detection antibody, Alkaline Phosphatase conjugate, BSA and BCIP/NBT ready-to-use substrate buffer.

Diaclone ELISpot Sets: Capture and Detection antibodies, Alkaline Phosphatase conjugate, BSA and BCIP/NBT ready-to-use substrate buffer.

Diaclone ELISpot Pairs: Capture and Detection Antibodies.

Dual ELISpot Sets: Capture and Detection antibodies for two analytes, Alkaline phosphatase conjugate, blocking reagent, ready-to-use BCIP/NBT substrate buffer, Peroxydase conjugate, BSA, ready-to-use AEC substrate buffer.

Dual Fluorospot Sets: Capture antibody for two analytes, FITC-conjugated Detection antibody for cytokine 1, anti-FITC antibody green fluorescence conjugate, biotinylated Detection antibody for cytokine 2, streptavidin-phycoerythrin conjugate, BSA.

Complete your Catalogue Number by choosing your format:

	Formats	Catalogue Number (see listings)
ELISpot Kits	1x96 Discovery	xxx.xxx.001PC
	5x96	xxx.xxx.005PC
ELISpot Sets	1x96 Discovery	xxx.xxx.001
Dual ELISpot Sets	5x96	xxx.xxx.005
Dual Fluorospot Sets	10x96	xxx.xxx.010
	15x96	xxx.xxx.015
	20x96	xxx.xxx.020

Note: ELISpot Sets are provided without plates, if you wish to order non-sterile plates add a P to the catalogue number and for sterile plates add an S.

ELISpot

Analyte	Species	ELISpot Kit	ELISpot Set	ELISpot-Pair
CD178	Human	856.091.xxx	856.091.xxx	869.080.010
Granzyme B	Human	856.131.xxx	856.131.xxx	869.130.010
IFN- γ	Human	856.051.xxx	856.051.xxx	869.060.010
IL-1 β	Human	856.101.xxx	856.101.xxx	869.100.010
IL-2	Human	856.001.xxx	856.001.xxx	869.000.010
IL-4	Human	856.011.xxx	856.011.xxx	869.010.010
IL-5	Human	856.111.xxx	856.111.xxx	869.110.010
IL-6	Human	856.021.xxx	856.021.xxx	869.020.010
IL-10	Human	856.031.xxx	856.031.xxx	869.030.010
IL-12p70	Human	856.081.xxx	856.081.xxx	869.040.010
IL-13	Human	856.121.xxx	856.121.xxx	869.120.010
IL-17A	Human	856.151.xxx	856.151.xxx	869.150.010
IL-17F	Human	856.161.xxx	856.161.xxx	869.160.010
IL-17A/F	Human	856.171.xxx	856.171.xxx	869.170.010
Perforin	Human	856.141.xxx	856.141.xxx	869.140.010
TNF- α	Human	856.041.xxx	856.041.xxx	869.050.010
IFN- γ	Murine	862.031.xxx	862.031.xxx	870.050.010
IL-2	Murine	862.001.xxx	862.001.xxx	870.010.010
IFN- γ	Rat	867.011.xxx	867.011.xxx	871.020.010
TNF- α	Rat	867.021.xxx	867.021.xxx	871.030.010

Dual ELISpot

Analyte 1	Analyte 2	SPECIES	Dual ELISpot Set	Dual Fluorespot Set
IFN- γ	Perforin	Human	874.070.xxx	
IFN- γ	Granzyme B	Human	874.060.xxx	874.062.xxx
IFN- γ	IL-2	Human	874.040.xxx	874.042.xxx
IFN- γ	IL-4	Human	874.010.xxx	874.002.xxx
IFN- γ	IL-5	Human	874.020.xxx	874.032.xxx
IFN- γ	IL-10	Human	874.000.xxx	874.012.xxx
IFN- γ	IL-17A	Human	874.080.xxx	874.082.xxx
IL-10	IL-2	Human	874.050.xxx	874.052.xxx
IL-10	IL-4	Human	874.030.xxx	874.022.xxx
IL-17A	IL-4	Human		874.092.xxx

Diaclone ELISA



Diaclone ELISA are highly sensitive assays designed for *in vitro* quantitative and qualitative determination of natural and recombinant proteins from serum, plasma and cell culture supernatant.

- Control of our own mAb development coupled with robust manufacturing procedures ensures excellent performance and batch to batch consistency.
- High Sensitivity (HS) kits for the detection of low expressing proteins with sensitivities below 1.5pg/ml.

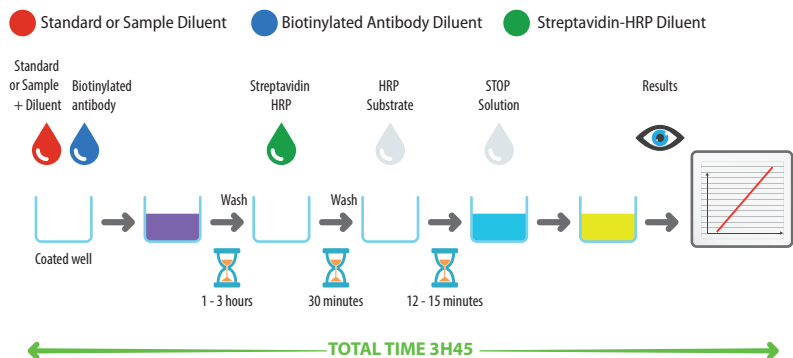
Diaclone ELISA kits now with **EASYVIEW** solutions!

In a constant effort to improve the quality and efficiency of our products, the Diaclone ELISA kits now contain the new EASYview coloured reagents.

EASYview coloured reagents are designed as a visual aid to facilitate the pipetting and filling of Diaclone ELISA plates.

Significant validation has been performed to ensure that there is no impact on assay performance and the excellence of the results obtained with the Diaclone ELISA kits.

Improved well visualisation **Avoid pipetting mistakes** **No impact on assay performance**



Formats Available

Diacclone ELISA and High Sensitivity (HS) ELISA Kits:

Pre-Coated Plates, Biotinylated Detection Antibody, Standard(s), Control(s) (where available), Buffers, Streptavidin-HRP and TMB, Stop reagent and plate sealers.

Diacclone ELISA Sets: Capture Antibody, Biotinylated Detection Antibody, Standard(s), Streptavidin-HRP and TMB.

Complete your Catalogue Number by choosing your format:

	Formats	Catalogue Number (see listings)
ELISA Kits	1x48 Discovery	xxx.xxx.048
	1x96	xxx.xxx.096
	2x96	xxx.xxx.192
ELISA Sets	1x96 Discovery	xxx.xxx.001
	5x96	xxx.xxx.005
	10x96	xxx.xxx.010
	15x96	xxx.xxx.015
	20x96	xxx.xxx.020
Accessory Pack	Including all reagents for 5x96	858.000.005

Note: Discovery size not applicable to 6xx.xxx.xxx products.

Analyte	Antigen Synonym	Species	STD Range	Kit Sensitivity	ELISA Kit	ELISA Set
IFN-γ HS	IFNγ	H	0.78 - 25 pg/ml	0.69 pg/ml	850.900.xxx	
IL-2 HS		H	1.87 - 60 pg/ml	0.97 pg/ml	850.870.xxx	
IL-4 HS		H	0.31 - 10 pg/ml	0.31 pg/ml	850.890.xxx	
IL-6 HS		H	1.56 - 50 pg/ml	0.8 pg/ml	950.035.xxx	
IL-10 HS		H	1.56 - 50 pg/ml	1.3 pg/ml	850.880.xxx	
IL-12 HS		H	0.78 - 25 pg/ml	0.75 pg/ml	850.810.xxx	

Angiopoietin-2	ANG-2/ANGPT-2	H	125-4000 pg/ml	25 pg/ml	873.080.xxx	
CD14		H	6.8 - 220 ng/ml	6.0 ng/ml	850.780.xxx	
CD21		H	3.12 - 100 U/ml	3.0 U/ml	850.730.xxx	
CD25	IL-2R	H	68.75 - 2220 pg/ml	8.0 pg/ml	950.500.xxx	851.650.xxx
CD31	PECAM-1	H	0.31 - 10 ng/ml	0.17 ng/ml	850.710.xxx	
CD44	PGP-1	H	0.31 - 10 ng/ml	0.11 ng/ml	850.570.xxx	
CD50	ICAM-3	H	0.62 - 20 ng/ml	0.3 ng/ml	850.560.xxx	
CD54	ICAM-1	H	0.25 - 8 ng/ml	0.1 ng/ml	850.540.xxx	851.590.xxx
CD62E	E-Selectin	H	1 - 32 ng/ml	0.5 ng/ml	850.530.xxx	851.580.xxx
CD62L	L-Selectin	H	1.6 - 60 ng/ml	1.0 ng/ml	850.650.xxx	
CD62P	P-Selectin	H	4.4 - 140 ng/ml	3.6 ng/ml	850.930.xxx	
CD86	B7-2	H	1.187 - 38 U/ml	0.6 U/ml	850.590.xxx	
CD95	FAS	H	93.75 - 3000 pg/ml	47.0 pg/ml	850.740.xxx	
CD102	ICAM-2	H	0.75 - 24 U/ml	0.2 U/ml	850.550.xxx	
CD106	VCAM-1	H	1.56 - 50 ng/ml	0.6 ng/ml	850.580.xxx	851.660.xxx
CD116	GM-CSF R	H	31.25 - 1000 pg/ml	16.0 pg/ml	850.660.xxx	
CD117	c-kit	H	0.31 - 10 ng/ml	0.095 ng/ml	850.700.xxx	
CD124	IL-4R	H	31.25 - 1000 pg/ml	11.5 pg/ml	850.670.xxx	
CD126	IL-6R	H	31.25 - 1000 pg/ml	5.0 pg/ml	850.510.xxx	
CD130	gp130	H	56.25 - 1800 pg/ml	15.0 pg/ml	850.520.xxx	
CD138	Syndecan-1	H	8 - 256 ng/ml	2.56 ng/ml	950.640.xxx	851.620.xxx
CD141	Thrombomodulin	H	0.625 - 20 ng/ml	0.38 ng/ml	850.720.xxx	851.690.xxx
CD154	TRAP / CD40L	H	0.16 - 10 ng/ml	0.062 ng/ml	650.120.xxx	
CD178	FAS-L	H	62.5 - 2000 pg/ml	12.0 pg/ml	850.570.xxx	851.730.xxx
CD213a2	IL-13Ra2	H	156 - 5000 pg/ml	150.0 pg/ml	850.800.xxx	
CD253	TRAIL/APO2L	H	93.75 - 3000 pg/ml	64.0 pg/ml	850.770.xxx	
CD261	DR4 / TRAIL R1	H	31.25 - 1000 pg/ml	8.0 pg/ml	850.820.xxx	
CD262	DR5 / TRAIL R2	H	31.25 - 1000 pg/ml	6.0 pg/ml	850.830.xxx	
CD263	DcR1 / TRAIL R3	H	0.31 - 10 ng/ml	147.0 pg/ml	850.840.xxx	
CD264	DcR2 / TRAIL R4	H	0.31 - 10 ng/ml	64.0 pg/ml	850.850.xxx	
Cytochrome C	CYC	H	0.08 - 5 ng/ml	0.05 ng/ml	650.070.xxx	
Galectin-9	Ecalectin/LGALS9	H	31.25 - 500 pg/ml	8 pg/ml	873.100.xxx	
GM-CSF		H	16 - 500 pg/ml	4.8 pg/ml	873.040.xxx	
Granzyme B		H	31.25 - 1000 pg/ml	20.0 pg/ml	850.790.xxx	
IFN-γ	IFNγ	H	12.5 - 400 pg/ml	5.0 pg/ml	950.000.xxx	851.560.xxx
IL-1α	IL-1a	H	31.25 - 1000 pg/ml	10.0 pg/ml	850.005.xxx	851.600.xxx
IL-1β	IL-1b	H	15.6 - 500 pg/ml	7.0 pg/ml	850.006.xxx	851.610.xxx
IL-2		H	31.25 - 1000 pg/ml	7.0 pg/ml	950.010.xxx	851.500.xxx
IL-4		H	1.1 - 35 pg/ml	0.7 pg/ml	950.020.xxx	851.510.xxx
IL-5		H	7.8 - 250 pg/ml	5.0 pg/ml	850.025.xxx	851.670.xxx
IL-6		H	6.25 - 200 pg/ml	2.0 pg/ml	950.030.xxx	851.520.xxx
IL-7		H	6.25 - 200 pg/ml	3.0 pg/ml	850.040.xxx	851.680.xxx
IL-8		H	62.5 - 2000 pg/ml	29.0 pg/ml	950.050.xxx	851.530.xxx
IL-10		H	12.5 - 400 pg/ml	5.0 pg/ml	950.060.xxx	851.540.xxx
IL-12p70		H	6.25 - 200 pg/ml	2.2 pg/ml	950.070.xxx	851.550.xxx
IL-12p40/p70		H	62.5 - 2000 pg/ml	20 pg/ml	950.075.xxx	851.880.xxx
IL-13		H	3.12 - 100 pg/ml	1.5 pg/ml	850.080.xxx	851.630.xxx
IL-15		H	31.25 - 1000 pg/ml	18.3 pg/ml	873.000.xxx	
IL-17A		H	3.12 - 100 pg/ml	3.0 pg/ml	850.940.xxx	851.720.xxx
IL-17F		H	15.6 - 500 pg/ml	6.0 pg/ml	850.980.xxx	851.740.xxx

Species: H = Human, M = Murine, R = Rat

9xx xxx xxx products also available in CE format for IVD use in the EU only

Analyte	Antigen Synonym	Species	STD Range	Kit Sensitivity	ELISA Kit	ELISA Set
IL-17A/F		H	15.6 - 500 pg/ml	6.6 pg/ml	850.990.xxx	851.750.xxx
IL-22		H	7.8 - 500 pg/ml	5.0 pg/ml	650.140.xxx	
IL-23		H	156.5 - 5000 pg/ml	20.0 pg/ml	850.920.xxx	
IL-27		H	31.25 - 1000 pg/ml	12.8 pg/ml	850.960.xxx	851.890.xxx
IL-29	Interferon lambda 1	H	250 - 7.8 pg/ml	5.9 pg/ml	873.050.xxx	
IL-31		H	31.25 - 1000 pg/ml	18.0 pg/ml	873.010.xxx	
IL-33		H	31.25 - 1000 pg/ml	12.0 pg/ml	873.020.xxx	
IL-34		H	156.25 - 5000 pg/ml	39 pg/ml	873.060.xxx	
IP-10	CXCL10	H	6.25 - 200 pg/ml	5.7 pg/ml	850.950.xxx	851.870.xxx
MCP-1	CCL2 / JE	H	31.25 - 1000 pg/ml	5.8 pg/ml	873.030.xxx	
MICA		H	156 - 5000 pg/ml	123 pg/ml	850.910.xxx	
MICB	PERB11.2	H	31.25 - 1000 pg/ml	12.3 pg/ml	873.090.xxx	
p53		H	3.1 - 100 U/ml	1.5 U/ml	850.630.xxx	
Perforin		H	62.5 - 2000 pg/ml	40.0 pg/ml	850.860.xxx	851.860.xxx
TGF-β1	TGFb1	H	0.5 - 30 ng/ml	9.0 pg/ml	650.010.xxx	
TGF-β2	TGFb2	H	31.25 - 1000 pg/ml	6.6 pg/ml	650.020.xxx	
TNF-α	TNFa	H	25 - 800 pg/ml	10.0 pg/ml	950.090.xxx	851.570.xxx
VEGF-A	VEGF / VPF	H	31.25 - 2000 pg/ml	7.9 pg/ml	650.080.xxx	
VEGF-165	VEGF-A	H	31.25 - 1000 pg/ml	15.9 pg/ml	873.070.xxx	
VEGF-R1	Flt-1	H	0.16 - 10 ng/ml	0.1 ng/ml	650.030.xxx	

CD138	Syndecan-1	M	0.5 - 16 ng/ml	0.35 ng/ml	860.090.xxx	861.060.xxx
CD154	TRAP / CD40L	M	0.31 - 20 ng/ml	0.14 ng/ml	660.070.xxx	
Eotaxin		M	31.25 - 2000 pg/ml	3.6 pg/ml	660.060.xxx	
GM-CSF		M	15.6 - 500 pg/ml	9.0 pg/ml	860.060.xxx	
IFN-γ	IFNg	M	31.25 - 1000 pg/ml	15.0 pg/ml	860.050.xxx	861.050.xxx
IL-1α	IL-1a	M	7.8 - 500 pg/ml	6.0 pg/ml	660.010.xxx	
IL-2		M	15.6 - 500 pg/ml	5.0 pg/ml	860.000.xxx	861.000.xxx
IL-4		M	3.9 - 250 pg/ml	3.0 pg/ml	660.020.xxx	
IL-5		M	7.8 - 500 pg/ml	5.0 pg/ml	660.030.xxx	
IL-6		M	15.6 - 500 pg/ml	10.0 pg/ml	860.020.xxx	861.020.xxx
IL-10		M	31.25 - 1000 pg/ml	20.0 pg/ml	860.030.xxx	861.030.xxx
IL-12p70		M	31.25 - 2000 pg/ml	5.9 pg/ml	660.040.xxx	
IL-13		M	2.8 - 500 pg/ml	2.8 pg/ml	660.080.xxx	
IL-15		M	6.25 - 400 pg/ml	2.0 pg/ml	660.090.xxx	
IL-17A		M	15.6 - 500 pg/ml	4.6 pg/ml	860.070.xxx	
IL-17F		M	62.5 - 4000 pg/ml	10.0 pg/ml	660.100.xxx	
IL-22		M	7.8 - 500 pg/ml	1.6 pg/ml	660.110.xxx	
IP-10	CXCL10	M	7.8 - 500 pg/ml	6.5 pg/ml	660.120.xxx	
MCP-1	CCL2 / JE	M	15.6 - 1000 pg/ml	2.2 pg/ml	660.130.xxx	
TGF-β1	TGFb1	M	0.5 - 30 ng/ml	9.0 pg/ml	660.050.xxx	
TNF-α	TNFa	M	31.25 - 1000 pg/ml	25.0 pg/ml	860.040.xxx	
VEGF-A	VPF	M	62.5 - 4000 pg/ml	20.0 pg/ml	660.140.xxx	

IFN-γ	IFNg	R	31.25 - 1000 pg/ml	10.0 pg/ml	865.010.xxx	872.000.xxx
IL-1α	IL-1a	R	15.6 - 1000 pg/ml	4.0 pg/ml	670.090.xxx	
IL-1β	IL-1b	R	31.25 - 2000 pg/ml	4.4 pg/ml	670.040.xxx	
IL-2		R	62.5 - 2000 pg/ml	11.0 pg/ml	670.100.xxx	
IL-4		R	31.25 - 1000 pg/ml	15.0 pg/ml	865.020.xxx	872.020.xxx
IL-6		R	31.25 - 2000 pg/ml	12.0 pg/ml	670.010.xxx	
IL-10		R	15.6 - 1000 pg/ml	1.5 pg/ml	670.070.xxx	
IL-17A		R	1.6 - 100 pg/ml	1.0 pg/ml	670.080.xxx	
TGF-β1	TGFb1	R	0.5 - 30 ng/ml	48.0 pg/ml	670.020.xxx	
TNF-α	TNFa	R	31.25 - 1000 pg/ml	15.0 pg/ml	865.000.xxx	872.010.xxx
VEGF-C	VRP	R	47 - 3000 pg/ml	27.0 pg/ml	670.110.xxx	

Species: H = Human, M = Murine, R = Rat

Diaclone Antibodies



Diaclone Monoclonal Antibodies are highly specific, high quality mouse monoclonal antibodies for the detection of a broad range of human proteins.

These antibodies can be utilized over an extensive application range including Flow Cytometry, Immunohistochemistry, Western Blot, Immunoprecipitation, ELISA, ELISpot and Biological assays.

The use of monoclonal antibodies remains a powerful tool for the investigation of innate and adaptive immunity in many fields of research.

Diaclone Antibody Flexibility

- Available for intracellular and cell surface analysis.
- Can recognize both recombinant and natural proteins acting as neutralizing, agonistic and enhancer antibodies.
- Affinity purified antibodies available in a variety of formats including Azide free and purified unlabelled antibodies.
- Optimized conjugated antibodies, FITC, PE, PercP and Biotin, ensure consistent reliable and specific cell staining.
- Isotype controls available to assess non-specific binding in assays.
- Custom Manufacture and Bulk purchase options available.
- Possibility to reserve specific batch, shipment on demand.

mAb Format	Quantity*	Discovery Size**
FITC	100 Tests/1mL	20 Tests / 200µL
PE	100 Tests/1mL	20 Tests / 200µL
PercP	100 Tests/1mL	20 Tests / 200µL
Biotin	100 Tests/1mL	20 Tests / 200µL
Azide Free	200 µg/200µL or 500/500µL	20 µg / 20µL
Unconjugated	200 Tests/2mL	20 Tests / 200µL
Unconjugated	100µg/100µL for blue references	not available

***Note:** The quantities shown are typical however other sizes may apply – See website for full Product details

****Discovery sizes:** Only available for original Diaclone B-XXX clones

Please enquire via info@diaclone.com for up to date product development information.

Monoclonal Antibodies

Specificity	Antigen Synonym	Clone	Isotype	Azide Free	Unconjugated	FITC	PE	Biotin
Ang-2	ANGPT-2	B-C57	IgG2b	855.960.00X				
Ang-2	ANGPT-2	B-G60	IgG1	855.970.00X				
BIOTIN		B-E24	IgG1	857.060.00X				
CD1a		HI149	IgG1		853.153.020	853.151.010		
CD1b/c		B-B5	IgG1	854.000.00X	854.003.020	854.001.010		
CD2	LFA-2	B-E2	IgG2b	852.500.00X	852.503.020	952.501.010	952.502.010	852.504.010
CD3		B-B11	IgG1	854.010.00X	854.013.020	954.011.010	954.012.010	854.014.010
CD4		B-A1	IgG2a	854.030.00X	854.033.020	954.031.010	954.032.010	
CD5		B-B8	IgG1	854.040.00X	854.043.020	954.041.010	954.042.010	854.044.010
CD6		B-F3	IgG1	854.050.00X	854.053.020			
CD7		B-F12	IgG1	854.060.00X	854.063.020			
CD7		MEM-186	IgG1			853.331.010		
CD8		B-Z31	IgG2a	854.960.00X	854.963.020	854.961.010	854.962.010	
CD9		TS9	IgG1	857.750.00X				
CD10		MEM-78	IgG1			854.091.010		
CD10		B-E3	IgG2a	854.090.00X	854.093.020		854.092.010	
CD11a	LFA-1	B-B15	IgG1	852.510.00X	852.513.020	852.511.010	852.512.010	
CD11b	MAC-1	MEM-174	IgG2a		853.163.020	853.161.010	853.162.010	
CD11c	Integrin a X	BU15	IgG1		853.383.020	853.381.010		
CD13		B-F10	IgG1	854.100.00X	854.103.020	854.101.010	854.102.010	
CD14		B-A8	IgG1	854.110.00X	854.113.020			
CD14		8G3	IgG2a			954.771.010	954.772.010	854.774.010
CD15		MEM-158	IgM		853.183.020	853.181.010		
CD16		B-E16	IgG2a	854.130.00X	854.133.020	854.131.010	854.132.010	
CD18		MEM48	IgG1	852.540.00X	852.543.020	852.541.010	852.542.010	
CD19		B-C3	IgG1	854.140.00X	854.143.020	854.141.010		854.144.010
CD19		B-D3	IgG1				954.782.010	
CD20		B-H20	IgG2a	854.150.00X	854.153.020	954.151.010	954.152.010	
CD21		B-E5	IgG2a	854.160.00X	854.163.020	854.161.010	854.162.010	
CD21		B-C6	IgG1	853.600.00X				
CD21		B-D6	IgG1	854.170.00X				
CD22		MEM-01	IgG1		853.193.020		853.192.010	
CD23		B-G6	IgG1	854.190.00X	854.193.020	854.191.010	854.192.010	
CD25	IL-2R	B-B10	IgG1	852.000.00X			952.002.010	852.004.010
CD25	IL-2R	B-F2	IgG1	852.010.00X	852.013.020	952.011.010		
CD25	IL-2R	B-G3	IgG1	852.020.00X				
CD27		LT27	IgG2a		853.343.020			
CD28		B-T3	IgG2a	854.220.00X	854.223.020	854.221.010	854.222.010	
CD29		B-D15	IgG2a	852.550.00X	852.553.020	852.551.010	852.552.010	
CD30		MEM-268	IgG1		853.203.020			
CD31	PECAM-1	B-B38	IgG1	852.560.00X	852.563.020	852.561.010	852.562.010	
CD31	PECAM-1	B-N14	IgG1	853.710.00X				
CD33		HIM3-4	IgG1		853.273.020			
CD34 Class I		B-G25	IgG1	854.240.00X	854.243.020			
CD34 Class I		B-C34	IgG1	854.590.00X	854.593.020	854.591.010	854.592.010	
CD34 Class III		B-F23	IgG1	854.260.00X	854.263.020		854.262.010	
CD34 Class III		B-K34	IgG1				854.702.010	
CD35		UJ11	IgG1		853.403.020			
CD36		TR9	IgG1		853.213.020	853.211.010		
CD40		B-B20	IgG1	854.280.00X	854.283.020	954.281.010	954.282.010	854.284.010
CD41		MEM-06	IgG1		853.353.020	853.351.010		
CD41a	GP1Ib	HIP8	IgG1		853.223.020			
CD42b	GP1b	HIP1	IgG1		853.233.020	853.231.010	853.232.010	
CD43		MEM-59	IgG1		853.243.020	853.241.010	853.242.010	
CD44	PGP-1	B-F24	IgG1	852.600.00X	852.603.020	852.601.010		
CD44	PGP-1	B-R8	IgG1	853.790.00X				
CD45		B-A11	IgG1	854.300.00X	854.303.020	954.301.010	954.302.010	

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Monoclonal Antibodies

Specificity	Antigen Synonym	Clone	Isotype	Azide Free	Unconjugated	FITC	PE	Biotin
CD45RA		B-C15	IgG1	854.320.00X	854.323.020	854.321.010	854.322.010	
CD45RO		UCHL1	IgG2a		854.333.020	854.331.010		
CD48	BLAST-1	MEM-102	IgG1		852.613.020	852.611.010		
CD49d		BU49	IgG1		853.443.020			
CD49d		PS/2	Rat IgG2b			853.441.010		
CD50	ICAM-3	B-R1	IgG1	852.670.00X	852.673.020	852.671.010		
CD50	ICAM-3	B-P12	IgG1	853.760.00X				
CD53		TS53	IgG1	857.760.00X				
CD54		B-H17	IgG1	852.690.00X	852.693.020	952.691.010	952.692.010	
CD54	ICAM-1	B-H22	IgG1	853.680.00X				
CD55		MEM-118	IgM		853.373.020	853.371.010		
CD56	NCAM	B-A19	IgG1	852.700.00X	852.703.020		952.702.010	
CD57		NC1	IgM		853.463.020			
CD58		B-L28	IgG1	854.630.00X	854.633.020	854.631.010	854.632.010	
CD59		MEM43	IgG2a	854.360.00X	854.363.020	954.361.010	954.362.010	
CD62E	E-Selectin	B-P7	IgG1	852.730.00X	852.733.020			
CD62E	E-Selectin	B-S3	IgG1	853.810.00X				
CD62L	L-Selectin	B-S13	IgG1	852.780.00X	852.783.020		852.782.010	
CD62P	P-Selectin	B-F46	IgG1	855.400.00X	855.403.020			
CD62P	P-Selectin	B-G43	IgG2b	855.390.00X				
CD63		TS63	IgG1	857.770.00X				
CD66a		B-D60	IgG1		855.413.020	855.411.010	855.412.010	
CD71		B-G24	IgG1	854.390.00X	854.393.020	854.391.010		
CD75		B-L5	IgM	854.420.00X	854.423.020			
CD80	BB1 / B7	MEM-233	IgG1		853.253.020	853.251.010	853.252.010	
CD81		TS81	IgG2a	857.780.00X				
CD82		B-L2	IgG1	854.440.00X	854.443.020		854.442.010	
CD82		TS82b	IgG1	857.790.00X				
CD86	B7-2	B-T7	IgG1	854.450.00X	854.453.020	954.451.010	954.452.010	
CD86	B7-2	B-S7	IgG1	853.830.00X				
CD94	Kp43 / KLRD1	B-D49	IgG1	855.800.00X	855.803.020	855.801.010		
CD95	FAS	B-G27	IgG2a	853.000.00X	853.003.020	953.001.010	953.002.010	
CD95	FAS	B-D29	IgG1	853.030.00X				
CD99		B-N24	IgG1	854.610.00X	854.613.020		854.612.010	
CD102	ICAM-2	B-T1	IgG1	852.760.00X	852.763.020	852.761.010		
CD102	ICAM-2	B-R7	IgG1	853.780.00X				
CD105	Endoglin	B-A55	IgG1	857.810.00X	857.813.020			
CD105	Endoglin	B-H45	IgG1	857.820.00X				
CD105	Endoglin	MEM-226	IgG2a		853.263.020	853.261.010		
CD106	VCAM-1	B-K9	IgG1	852.770.00X				
CD106	VCAM-1	B-N8	IgG1	853.700.00X				
CD106	VCAM-1	B-S6	IgG1	853.820.00X	853.823.020			
CD107a		B-T47	IgG1	852.900.00X	852.903.020	852.901.010	852.902.010	
CD109		B-E47	IgG1	854.570.00X	854.573.020		854.572.010	
CD112		B-C12	IgG2b	857.000.00X	857.003.020			
CD117	c-kit	B-K15	IgG1	854.510.00X	854.513.020		854.512.010	854.514.010
CD117	c-kit	B-N20	IgG1	853.730.00X				
CD126	IL-6R	B-R6	IgG1	852.030.00X	852.033.020	852.031.010		
CD126	IL-6R	B-F19	IgG1	852.040.00X				
CD126	IL-6R	B-N12	IgG1	852.050.00X		852.051.010		
CD130	gp130	B-R3	IgG2a	852.060.00X	852.063.020	852.061.010		
CD130	gp130	B-K5	IgG1	852.070.00X				
CD130	gp130	B-P8	IgG1	852.080.00X				
CD130	gp130	B-P4	IgG1	852.090.00X				

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Monoclonal Antibodies

Specificity	Antigen Synonym	Clone	Isotype	Azide Free	Unconjugated	FITC	PE	Biotin
CD130	gp130	B-K11	IgG2b	852.100.00X				
CD130	gp130	B-S12	IgG1	852.110.00X				
CD130	gp130	B-T2	IgG1	853.860.00X				
CD138	Syndecan-1	B-D30	IgG1	853.630.00X				
CD138 *	Syndecan-1	B-A38	IgG1	854.070.000	854.073.020	954.071.010	954.072.010	854.074.010
CD141	Thrombomodulin	B-A35	IgG1	854.580.00X	854.583.020	854.581.010		
CD141	Thrombomodulin	B-S24	IgG1	853.850.00X				
CD146	MCAM	B-T46	IgG1	857.630.00X	857.633.020			
CD151	TA-3	B-E31	IgG1	854.530.00X	854.533.020			
CD154	CD40L	B-B29	IgG2a	854.290.00X	854.293.020	854.291.010	854.292.010	
CD156c	ADAM-10	11G2	IgG1	857.800.00X				
CD161	KLRB1 / NKR	B-D51	IgG1	855.820.00X				
CD171	L1CAM	B-L51	IgG1	857.320.00X	857.323.020			
CD178	FAS-L	B-R17	IgG1	853.070.00X	853.073.020			853.074.010
CD178	FAS-L	B-B34	IgG2a	853.590.00X				
CD184		B-R24	IgG1	854.600.00X	854.603.020			
CD196	CCR6	B-R35	IgG2a	855.910.00X	855.913.020	855.911.010		
CD202b	TEK /Tie-2	B-B48	IgG2	854.710.00X	854.713.020			
CD213a1	IL-13Ra1	B-K19	IgG1	852.130.00X				852.134.010
CD213a2	IL-13Ra2	B-D13	IgG1	852.120.00X			852.122.010	
CD213a2	IL-13Ra2	B-A34	IgG1	853.960.00X				
CD218a	IL-18Ra	B-E43	IgG1	854.900.00X	854.903.020		854.902.010	
CD218b	IL-18Rb	B-B46	IgG1	854.910.00X				
CD253	TRAIL	B-S23	IgG1	853.080.00X	853.083.020		853.082.010	853.084.010
CD253	TRAIL	B-T24	IgG1	853.090.00X				
CD261	DR4/TRAIL R1	B-N36	IgG1	854.850.00X	854.853.020		854.852.010	
CD261	DR4/TRAIL R1	B-N28	IgG1	852.980.00X				
CD261	DR4/TRAIL R1	B-T35	IgG1	853.890.00X				
CD262	DR5/TRAIL R2	B-K29	IgG1	854.860.00X	854.863.020		854.862.010	
CD262	DR5/TRAIL R2	B-D37	IgG2b	854.870.00X				
CD263	DcR1/TRAIL R3	B-D44	IgG1	854.890.00X	854.893.020		854.892.010	
CD263	DcR1/TRAIL R3	B-H47	IgG1	852.990.00X				
CD263	DcR1/TRAIL R3	B-N29	IgG1	853.740.00X				
CD264	DcR2/TRAIL R4	B-R27	IgG1		854.973.020		854.972.010	
CD264	DcR2/TRAIL R4	B-P30	IgG1	853.130.00X				
CD264	DcR2/TRAIL R4	B-L34	IgG1	853.690.00X				
CD264	DcR2/TRAIL R4	B-T32	IgG1	853.880.00X				
CD326	EpCam	B-K46	IgG1	857.625.00X				
CD326	EpCam	B-P43	IgG1	857.626.00X				
CD326	EpCam	B-E54	IgG1	857.830.00X	857.833.020			
CD335	NKp46 / NCR1	B-N40	IgG1		855.433.020	855.431.010	855.432.010	
CD335	NKp46 / NCR1	B-L46	IgG2a	855.490.00X				
CD336	NKp44 / NCR2	B-N44	IgG1	855.810.00X				
CD337	NKp30 / NCR3	B-S30	IgG2b	855.650.00X	855.653.020	855.651.010		
CD366	TIM-3	B-K48	IgG1	857.860.00X	857.863.020			
CD366	TIM-3	B-N43	IgG1	857.300.00X				
CD366	TIM-3	B-E55	IgG1	857.310.00X				
cMyc		9E10	IgG1		855.313.020			
Galectin-1		B-H41	IgG1	857.990.00X				
Galectin-1		B-F49	IgG1	857.100.00X				
Galectin-3	LGALS3 / MAC2	B-S43	IgG2a	855.610.00X	855.613.020			
Galectin-3	LGALS3 / MAC2	B-E53	IgG1	855.620.00X				
Galectin-8		B-Z18	IgG2a	857.010.00X	857.013.020			

*Product available in PercP format.

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Monoclonal Antibodies

Specificity	Antigen Synonym	Clone	Isotype	Azide Free	Unconjugated	FITC	PE	Biotin
Galectin-9	Ecalectin / LGALS9	B-T33	IgG2b	857.940.00X	857.943.020			
Galectin-9	Ecalectin / LGALS9	B-K38	IgG1	855.870.00X				
Galectin-10	CLC	B-F42	IgG1	852.960.00X	852.963.020			
Galectin-10		B-G54	IgG1	857.840.00X				
GM-CSF		B-Z13	IgG1	855.690.00X				
GM-CSF		B-S37	IgG1	855.700.00X				
Granulysin	NKG5 / LAG-2	B-L38	IgG1	855.540.00X	855.543.020	855.541.010		
Granulysin	NKG5 / LAG-2	B-R32	IgG2b	855.550.00X				
HBP	CAP 37/Azurocidin	B-K37	IgG1	855.440.00X				
HBP	CAP 37/Azurocidin	B-R37	IgG2b	855.500.00X				
HBP	CAP 37/Azurocidin	B-P37	IgG2b	855.510.00X				
HLA Class I		W6/32	IgG2a	857.220.00X	857.223.020	857.221.010		
HLA Class II(DQ)		B-K27	IgG2a	857.210.00X	857.213.020			
HLA Class II(DR)		B-F1	IgG1	857.030.00X	857.033.020	857.031.010	857.032.010	857.034.010
HLA Class II(DR)		B-C10	IgG2b	857.930.00X	857.933.020	857.931.010		
IFN- α 2a	IFN- α 2a	B-Z38	IgG1	857.900.00X				
IFN- α 2a	IFN- α 2a	B-N42	IgG1	857.910.00X				
IFN-g	IFNg	B-B1	IgG1	855.000.00X		855.001.019	855.002.019	
IFN-g	IFNg	B-G1	IgG1	853.670.00X				
IL-1b	IL-1b	B-A15	IgG1	855.010.00X			855.012.019	
IL-2		B-G5	IgG1	855.020.00X		855.021.019	855.022.019	
IL-4		B-S4	IgG1	855.030.00X				
IL-4		B-G28	IgG1	855.170.00X			855.172.010	
IL-4		B-R14	IgG1	853.800.00X				
IL-5		B-Z25	Rat IgG2a	857.850.00X				
IL-6		B-E4	IgG2b	857.730.00X				
IL-6		B-E8	IgG1	855.050.00X			855.052.019	
IL-6		B-F6	IgG1	855.060.00X				
IL-7		B-N18	IgG1	853.720.00X				
IL-7		B-S16	IgG1	853.840.00X				
IL-8		B-K8	IgG1	855.080.00X			855.082.019	
IL-10		B-S10	IgG1	855.100.00X				
IL-10		B-T10	IgG2b	853.870.00X				
IL-12p35/p70		B-T21	IgG1	855.120.00X				
IL-12p40/p70		B-P24	IgG1	855.130.00X		855.131.010		
IL-12p40/p70		B-P40	IgG1	855.180.00X				
IL-13		B-B13	IgG1	855.140.00X				
IL-13		B-P6	IgG1	853.750.00X				
IL-15		B-E29	IgG1	855.220.00X				
IL-17A		B-B51	IgG1	853.910.00X				
IL-17A		B-A50	IgG2b		853.943.020	853.941.019	853.942.019	
IL-17A		B-C49	IgG2b	853.950.00X				
IL-17F		B-C52	IgG1	855.560.00X	855.563.020			
IL-17F		B-F60	IgG2b	855.360.00X				
IL-17F		B-G46	IgG2b	853.990.00X				
IL-21		B-Z16	IgG1	855.830.00X				
IL-21		B-P41	IgG1	855.840.00X				
IL-23		B-Z23	IgG1	853.920.00X				
IL-23		B-F43	IgG1	853.930.00X				
IL-24	MDA-7	B-C60	IgG2b	855.630.00X				

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Monoclonal Antibodies

Specificity	Antigen Synonym	Clone	Isotype	Azide Free	Unconjugated	FITC	PE	Biotin
IL-24	MDA-7	B-C51	IgG2a	855.640.00X				
IL-24	MDA-7	B-C54	IgG2a	855.680.00X				
IL-27		B-G49	IgG2a	855.300.00X	855.303.020	855.301.019	855.302.019	
IL-27		B-G44	IgG1	853.970.00X				
IL-29	Interferon lambda 1	B-S29	IgG2b	855.860.00X				
IL-29	Interferon lambda 1	B-Z29	IgG2a	855.880.00X				
IL-31		B-S31	IgG1	855.450.00X				
IL-31		B-A51	IgG2b	855.460.00X				
IL-32		B-B52	IgG2b	855.890.00X				
IL-32		B-K42	IgG1	855.900.00X				
IL-33		B-L33	IgG1	855.470.00X				
IL-33		B-S33	IgG1	855.480.00X				
IL-34		B-R34	IgG1	855.980.00X				
IL-34		B-Z34	IgG1	855.990.00X				
IL-35		B-P35	IgG1	850.660.00X				
IL-35		B-S35	IgG1	855.670.00X				
IL-37		B-N37	IgG1	857.890.00X				
IP-10	CXCL10	B-C50	IgG2a	853.570.00X	853.573.020	853.571.019		
IP-10	CXCL10	B-C55	IgG2a	855.420.00X				
LL-37	CAMP / CAP18	B-T37	IgG1	857.960.00X	857.963.020			
LL-37	CAMP / CAP18	B-L47	IgG2a	857.970.00X				
LL-37	CAMP / CAP18	B-F57	IgG1	857.980.00X				
MCP-1	CCL2 / JE	B-K41	IgG1	855.570.00X				
MCP-1	CCL2 / JE	B-Z21	IgG1	855.580.00X				
MICA		B-N31	IgG1	855.380.00X				
MICA		B-Z26	IgG1	855.370.00X	855.373.020			
MICB		B-D55	IgG1	855.530.00X				
MICB		B-D54	IgG1	855.520.00X		855.521.010	855.522.010	
NTR1		B-N6	IgM	857.040.00X	857.043.020			
p53		B-P3	IgG2a	853.040.00X				
p53		B-F34	IgG2b	853.660.00X				
Perforin		B-E48	IgG2b	853.640.00X				
Perforin		B-C48	IgG1	853.620.00X				
Perforin *		B-D48	IgG1	854.950.00X	854.953.020	854.951.010	854.952.010	
RANTES	CCL5	B-C53	IgG2a	857.600.00X				
RANTES	CCL5	B-R46	IgG1	857.610.00X				
ST2	IL-33 Receptor	B-L42	IgG2b	857.950.00X	857.953.020			
ST2	IL-33 Receptor	B-A52	IgG1	857.870.00X				
ST2	IL-33 Receptor	B-D52	IgG2b	857.880.00X				
TNF-a	TNFa	B-D9	IgG1			855.161.019	855.162.019	
TNF-a	TNFa	B-F7	IgG1	855.330.00X				
TNF-a	TNFa	B-C7	IgG1	855.150.00X				
VEGF165	VEGF-A	B-G55	IgG2b	855.920.00X				
VEGF165	VEGF-A	B-F55	IgG2a	855.930.00X				

*Product available in PercP format.

00X: azide free product available in format 200µg/200µL (.000) or 500µg/500µL (.005)

9xx xxx xxx products also available in CE format for IVD use in the EU only

Note: If you wish to use a Diacclone clone but can't find your conjugate please contact to discuss custom conjugation of any of our antibodies.

9xx xxx xxx products also available in CE format for IVD use in the EU only

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Isotype Controls

Specificity	Clone	Azide Free	Unconjugated	FITC	PE	PercP	Biotin
IgG1	B-Z1	857.070.00X	857.073.020	857.071.010	857.072.010	857.078.010	857.074.010
IgG2a	B-Z2	857.080.00X	857.083.020	857.081.010	857.082.010	857.088.010	857.084.010
IgG2b	B-Z40			857.731.010	857.732.010		
IgM	PFR-03		857.913.020				
IgG2b for <i>in vivo</i> experiments	B-D38	855.950.00X					
IgG2b for <i>in vivo</i> experiments	B-F33	855.940.00X					

Miscellaneous Antibodies

For a wide range of applications: anti-digoxigenin, anti-coronavirus, anti-FSH, anti-TSH, anti- β Hydroxyprogesterone, anti-IRT...

Please contact us for List and Pricing.

Antibodies with Biological Activity

These antibodies available in Azide Free format can recognize both recombinant and natural proteins acting as either neutralizing, agonistic or enhancer antibodies. Available products and their Biological Activities are shown below.

Specificity (Anti-Human)	Clone	Azide free	Biological Activity
CD2	B-E2	852.500.00X	Inhibits mixed lymphocyte culture
CD3	B-B11	854.010.00X	Induces T lymphocyte activation stimulation or proliferation
CD4	B-A1	854.030.00X	Inhibits mixed lymphocyte culture
CD10	B-E3	854.090.00X	Cytotoxic in association with Rabbit Complement on CD10+ Cells
CD20	B-H20	854.150.00X	Cytotoxic in association with Complement on CD20+ cells
CD21	B-E5	854.160.00X	Induces human B lymphocytes proliferation. Competes with EBV for CD21 binding
CD25	B-B10	852.00X.00X	Inhibits Mixed Lymphocyte Culture
CD25	B-F2	852.010.00X	Inhibits Mixed Lymphocyte Culture
CD28	B-T3	854.220.00X	Inhibits Mixed Lymphocyte Culture. Co-stimulates T cell proliferation
CD34 Class I	B-G25	854.240.00X	Triggers KG-1a cell aggregation
CD40	B-B20	854.280.00X	Stimulates B-cell proliferation together with IL-4
CD44	B-F24	852.600.00X	Triggers T lymphocyte aggregation. Enhances hyaluronan binding to CD44
CD54	B-H17	852.690.00X	Inhibits PHA stimulated T cell proliferation
CD86	B-T7	854.450.00X	Inhibits Mixed Lymphocyte Culture
CD95	B-G27	853.00X.00X	Triggers FAS induced apoptosis
CD95	B-D29	853.030.00X	Inhibits FasL induced apoptosis
CD102	B-T1	852.760.00X	Inhibits cell adhesion and T cell activation
CD106	B-K9	852.770.00X	Inhibits cell attachment to VCAM-1
CD117	B-K15	854.510.00X	Inhibits the Kit-Ligand induced proliferation of TF1 cell line
CD126	B-F19	852.040.00X	Inhibits IL-6 induced proliferation of XG-1 cell line. Inhibits IL-6 binding to its receptor
CD126	B-R6	852.030.00X	Inhibits IL-6 induced proliferation of XG-1 cells

Specificity (Anti-Human)	Clone	Azide free	Biological Activity
CD130	B-K5	852.070.00X	Inhibits CNTF activity. Inhibits OSM binding to gp130
CD130	B-R3	852.060.00X	Inhibits IL-6, IL-11, CNTF, LIF and OSM activities
CD130	B-P4	852.090.00X	Inhibits IL-11 activity and binding to gp130, but not CNTF, LIF and OSM activities
CD130	B-P8	852.080.00X	Inhibits CNTF activity and binding to gp130. Induces gp130 activation, Jak 1, Jak 2, Stat 1 and Stat 3 phosphorylation
CD130	B-S12	852.110.00X	Activates cells carrying gp130. Induces gp130 activation, Jak 1, Jak 2, Stat 1 and Stat 3 phosphorylation
CD178	B-R17	853.070.00X	Inhibits soluble CD178 induced apoptosis
CD184	B-R24	854.600.00X	Inhibits HIV-1 infection
CD202b	B-B48	854.710.00X	Inhibits Tek-L / Tek binding
CD253	B-S23	853.080.00X	Enhances TRAIL induced apoptosis
CD253	B-T24	853.090.00X	Inhibits TRAIL induced apoptosis
CD261	B-N36	854.850.00X	Neutralizes TRAIL induced apoptosis on HEL cell line
CD262	B-D37	854.870.00X	Agonist: induced apoptosis on Jurkat cells. Enhances TRAIL induced apoptosis of U937 cell line
CD262	B-K29	854.860.00X	Neutralizes TRAIL induced apoptosis of U937 cell line
CD263	B-D44	854.890.00X	Inhibits TRAIL binding to TRAIL R3
CDw218a	B-E43	854.900.00X	Inhibits human IFN γ secretion induced by IL-18 stimulated cells
CDw218b	B-B46	854.910.00X	Inhibits human IFN γ secretion induced by IL-18 stimulated cells
HLA Class1	W6/32	857.220.00X	Inhibits the interaction between T cells and MHC molecules
IFN- γ	B-B1	855.00X.00X	Inhibits IFN γ induced proliferation
IL-1 β	B-A15	855.010.00X	Inhibits IL-1 β induced proliferation on D10S murine cell line
IL-2	B-G5	855.020.00X	Inhibits IL-2 induced proliferation on CTL-L2 murine cell line
IL-4	B-S4	855.030.00X	Inhibits IL-4 induced proliferation on TF1 cells
IL-6	B-E8	855.050.00X	Inhibits IL-6 induced proliferation on B9 cells
IL-8	B-K8	855.080.00X	Inhibits IL-8 induced chemotaxis of human neutrophils
IL-10	B-S10	855.100.00X	Inhibits IL-10 induced proliferation on MC/9 cell line
IL-12	B-P24	855.130.00X	Inhibits IL-12 induced proliferation on PHA and IL-2 activated lymphocytes
IL-12	B-T21	855.120.00X	Inhibits IL-12 induced proliferation on PHA and IL-2 activated lymphocytes
IL-13	B-B13	855.140.00X	Inhibits IL-13 induced proliferation on TF1 cell line
IL-15	B-E29	855.220.00X	Inhibits IL-15 induced proliferation on Kit 225 cell line
IL-17A	B-B51	853.910.00X	Inhibits the bioactivity of IL-17A on keratinocyte cell line HaCaT (measurement of defensin-2 production)
IL-17F	B-F60	855.360.00X	Neutralises the bioactivity of IL-17F on HT1080 cell line (measurement of IL-6 production)
IL-23	B-Z23	853.920.00X	Inhibits the bioactivity of rIL-23 on mouse splenocytes C57Bl/6 (measurement of mL-17 or mL-22 production)
NKp46	B-L46	855.490.00X	The biological activity is measured by the ability of the coated antibody to induce degranulation of activated NK cells and to enhance IFN γ secretion by non activated NK cells
NTR 1	B-N6	857.040.00X	Inhibits neurotensin binding to its receptor
TNF- α	B-C7	855.150.00X	Inhibits TNF α induced cytotoxicity on U937 cells

Diaclone

Custom services



Diaclone is a leader in the manufacture and development of products utilised in key research, clinical and discovery applications by many research, pharmaceutical and manufacturing organisations worldwide. Our expertise, know-how and adaptability make us a trusted partner for:

- Custom product development and manufacture
- BULK antibody and kits supply
- OEM antibody and kit supply
- Scientific collaboration

Platform of monoclonal antibody development:

- Custom mAb development full or part services (hybridoma technology)
- Antibody production and purification
- Antibody labelling

New: Platform of recombinant antibodies (Phage display technology):

The Diaclone platform of phage display is based on recombinant antibodies generated by the phage display technology (Fab, scFv,...).

Platform of Bioassay and analytical services:

- Bioassay development and validation
- Bioassay analysis e.g ADCC, ADCP...
- Analytical platform: cytometry, Octet, ELISA, ELISpot...
- Cell culture / Cell functionality in support of clinical trials or Pharma discovery e.g. Bioassays / Immunophenotyping
- Cell selection / isolation
- Endotoxin testing

Platform of Immunoassay development:

- Custom Immunoassay Development and Validation
- Custom Immunoassay Manufacture
- Immunoassay Analysis
- Assay reading services

Group mAbExperts

Diaclone is member of the mAbExperts group (Biotech Investissement S.A.S., www.mabexperts.com): Companies providing an expert synergy in the field of monoclonal and recombinant antibodies.



RD-Biotech SAS (Besançon, France) a respected contract research organisation with a demonstrated Excellence in Bioproduction.

Bio production services: *In vitro* Monoclonal Antibody production, Cell production, Plasmid production and Recombinant protein production.

Custom services: strong expertise in mAb development, mAb sequencing and Antibody engineering: chimerization, humanization, reformatting, isotype switching...

FastELISA Kits: Human, Mouse, Rat and Bovine Immunoglobulin quantification in 30 minutes ! New Protein A detection kit.



SynAbs s.a., a Belgian Spin-off (Université catholique de Louvain, UCL), active in the manufacture of innovative monoclonal antibodies was founded in September 2015 and maximises the longstanding expertise of the CHEX, the Monoclonal Antibody Manufacturing Center.

Secondary monoclonal antibodies: a catalogue of 100+ Rat and Mice monoclonal antibodies, targeting almost all the mice and rat immunoglobulin isotypes, IgGs as well as IgA, IgD, IgE & IgM.

Custom services: a unique expertise in generating Rat or Guinea pig Monoclonal antibodies for the R&D and IVD markets.



QVQ Holding, a company based in Utrecht (The Netherlands), complements the high level of expertise already present within the group.

Custom services: Development and production of single domain antibodies derived from llamas, which are referred to as VHHs. VHHs have unique biochemical properties due to their small size and high stability which make them very useful for tumour targeting particularly in imaging technologies and companion diagnostics. QVQ offers multiple services related to development, reformatting and optimization of VHHs with respect to stability, production of recombinant VHH from bacterial and yeast hosts.

Besides contract research and services, QVQ has developed a growing portfolio of proprietary detection/imaging VHHs directed against targets in disease related with oncology, age diseases and infectious diseases.

Global Distribution

Diaclone has a global network of distributors, each with an established presence in the local market coupled with proven capabilities of providing and supporting scientific products. Together with our distributors we have invested in providing responsive customer service and trained representatives knowledgeable about Diaclone products. Please visit our website for a full list of distributors.

