



Antibodies to Canine CD Markers

AbD Serotec supplies the most cited antibodies for canine immunology research; we provide a comprehensive selection of antibodies raised directly against dog CD marker antigens as shown in the table below. Dual and triple color reagents for rapid T lymphocyte profiling by Flow Cytometry are provided in ready-to-use kit format for improved convenience.

Dog CD Marker Antibodies

Specificity	Clone	Applications	Product Code	Format	T cell	B cell	Dendritic cell	NK cell	Monocyte/macrophage
CD3	CA17.2A12	C, F, IF, IP, P	MCA1774GA	Purified, FITC	✓				
CD3/CD4	CA17.2A12, YKIX302.9	F	DC046	FITC/RPE	✓				
CD3/CD8	CA17.2A12, YCATE55.9	F	DC047	FITC/RPE	✓				
CD3/CD4/CD8	CA17.2A12, YKIX302.9, YCATE55.9	F	TC014	FITC/RPE/Alexa Fluor [®] 647	✓				
CD4	YKIX302.9	C, F	MCA1038GA	Purified, Alexa Fluor 488, Alexa Fluor 647, APC, FITC, Pacific Blue [™] , RPE	✓				
CD4	CA13.1E4	C, F, IP	MCA1998S	S/N	✓				
CD4/CD8	YKIX302.9, YCATE55.9	F	DC048	FITC/RPE	✓				
CD5	YKIX322.3	C, F, IP	MCA1037GA	Purified, Alexa Fluor 488, Alexa Fluor 647, APC, FITC, RPE	✓			✓	
CD8	YCATE55.9	C, F, IF	MCA1039GA	Purified, Alexa Fluor 647, Alexa Fluor 700, FITC, Pacific Blue, RPE	✓				
CD8 Alpha	CA9.JD3	C, F, IP	MCA1999S	S/N	✓				
CD8 Beta	CA15.4G2	C, F, IP	MCA1775S	S/N	✓				
CD11/CD18	YKIX490.6.4	F, IP	MCA1040G	Purified, FITC	✓	✓	✓	✓	✓
CD11b	CA16.3E10	C, F, IP	MCA1777S	S/N				✓	✓
CD11c	CA11.6A1	C, F, IP	MCA1778S	S/N			✓		✓
CD11d	CA11.8H2	C, F, IP	MCA1779GA	Purified, Alexa Fluor 647, S/N	✓				✓
CD11d	CA16.3D3	C, F	MCA2039S	S/N					
CD18	CA1.4E9	C, F, IF, IP	MCA1780GA	Purified, Alexa Fluor 647	✓	✓	✓	✓	✓
CD21	CA2.1D6	C, F, IP	MCA1781R	Purified, Alexa Fluor 647, RPE		✓			

Dog CD Marker Antibodies

Specificity	Clone	Applications	Product Code	Format	T cell	B cell	Dendritic cell	NK cell	Monocyte/ macrophage
CD25	P4A10	F, WB	MCA5916GA	Purified, FITC, RPE	✓				
CD34	1H6	F, WB	MCA2411GA	Purified, Alexa Fluor 647, Biotin, FITC, RPE					
CD44	YKIX337.8.7	C, F	MCA1041GA	Purified, Alexa Fluor 488	✓	✓			✓
CD45	YKIX716.13	F, IP	MCA1042GA	Purified, Alexa Fluor 488, Alexa Fluor 647, APC, Biotin, FITC, RPE	✓	✓			✓
CD45	CA12.10C12	C, F, P	MCA2035S	S/N	✓	✓			✓
CD45R	YKIX753.22.2	C, CT, F, IP	MCA1043G	Purified, Alexa Fluor 488, Alexa Fluor 647, FITC, RPE	✓	✓			✓
CD45RA	CA4.1D3	C, F	MCA2036S	S/N	✓	✓			✓
CD90	YKIX337.217	F, IP	MCA1036G	Purified	✓				✓
CD107b	AC17	F, IF, IP, WB	MCA2558	Purified, Alexa Fluor 647, FITC, RPE					✓

Applications: C = Immunohistology – Frozen, CT= Cytotoxic Assays, E = ELISA, F = Flow Cytometry, FN= Functional Assays, IF= Immunofluorescence, IP = Immunoprecipitation, P = Immunohistology – Paraffin, WB = Western Blotting.

Crossreactive Dog CD Marker Antibodies

To extend the possible research of the dog immune system, AbD Serotec's antibodies to native canine antigens are supplemented by CD marker antibodies that have been qualified as canine cross reactive*.

Specificity	Clone	Applications	Product Code	Format	T cell	B cell	Dendritic cell	NK cell	Monocyte/macrophage
CD1a	NA1/34-HLK	C, F	MCA80GA	Purified, Alexa Fluor 488, Alexa Fluor 647, Biotin, FITC, RPE					
CD9	MM2/57	C, F, WB	MCA469GA	Purified, Alexa Fluor 647, Biotin, FITC, RPE	✓	✓			✓
CD14	TÜK4	E, F, FN, WB	MCA1568GA	Purified, Alexa Fluor 647, Alexa Fluor 700, Biotin, FITC, Low Endotoxin, Pacific Blue, RPE-Alexa Fluor 647, RPE-Alexa Fluor 750, RPE			✓		✓
CD14	61D3	F	MCA2804C	RPE-CY5, RPE-CY5.5			✓		✓
CD32	AT10	C, F, FN, IP	MCA1075	Purified, Alexa Fluor 647, Biotin, FITC, Low Endotoxin, RPE		✓			✓
CD40	LOB7/6	C, F, IP, P	MCA1590	Purified, Alexa Fluor 488, Alexa Fluor 647, FITC, Low Endotoxin, RPE		✓			✓
CD41/ CD61	CO.35E4	E, F, IP	MCA1095GA	Purified, S/N					
CD42a	GRP-P	F, IP	MCA1227	Purified, Alexa Fluor 647, FITC, RPE					
CD47	BRIC126	C, F, FN, IP, WB	MCA911	Purified	✓	✓	✓	✓	✓
CD49d	Bu49	C, F, IP	MCA2503	Purified, FITC	✓	✓			✓
CD49e	JBS5	C, F, FN, IP	MCA1187	Purified	✓	✓	✓		✓
CD49f	NKI-GoH3	C, F, IP	MCA699GA	Purified, Alexa Fluor 647, Biotin, FITC, Low Endotoxin, RPE	✓				✓
CD54	84H10	C, E, F, FN, IP	MCA532	Purified, FITC	✓	✓		✓	✓
CD61	JM2E5	C, F, IP, P, WB	MCA2263GA	Purified, FITC					
CD61	PM6/13	C, F, IP, WB	MCA728GA	Purified, Biotin, RPE					

Specificity	Clone	Applications	Product Code	Format	T cell	B cell	Dendritic cell	NK cell	Monocyte/macrophage
CD62L	FMC46	C, F, IP	MCA1076GA	Purified, FITC, RPE	✓	✓	✓	✓	✓
CD79a	HM57	C, F, P, WB	MCA2538GA	Purified, Alexa Fluor 647, RPE		✓			
CD79b	AT107-2	E, F, IP, WB	MCA2209	Purified, FITC		✓			
CD143	3C5	E, P, WB	MCA2054	S/N	✓				✓
CD143	2E2	E, P, WB	MCA2056	S/N	✓				✓
CD230	5121	E, P, WB	OBT0873	Purified	✓	✓	✓	✓	✓
CD282	TL2.1	C, F, FN, IP	MCA2151GA	Purified			✓		✓
CD283	TLR3.7	F, IP	MCA2267GA	Purified			✓		
CD284	HTA125	F, FN, IP, WB	MCA2061GA	Purified, Alexa Fluor 488, Alexa Fluor 647, Biotin, FITC, Low Endotoxin, RPE	✓		✓		✓
CD289	5G5	C, F, P, WB	MCA2265GA	Purified	✓	✓	✓	✓	✓
CD292	1564	E, FN, WB	HCA004	Purified					

Applications: C = Immunohistology – Frozen, CT= Cytotoxic Assays, E = ELISA, F = Flow Cytometry, FN= Functional Assays, IF= Immunofluorescence, IP = Immunoprecipitation, P = Immunohistology – Paraffin, WB = Western Blotting.

* This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators.

To browse our entire range of dog antibodies, please search online at: abdserotec.com/veterinary-antibodies.html

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