



## Antibodies to Bovine CD Markers

As a leading supplier of top publication cited veterinary immunology reagents, AbD Serotec provides the widest selection of antibodies raised directly against cow CD markers. Our antibodies enable investigations into the cattle adaptive and innate immune systems to elucidate the functions of T, B, and dendritic cells, and macrophages, continuing AbD Serotec's tradition of manufacturing validated reagents to further research into basic immune functions, diagnostics, and vaccine development.

### Cow CD Marker Antibodies

Specificity	Clone	Applications	Product Code	Format	T cell	B cell	Dendritic cell	NK cell	Monocyte/macrophage
CD1w2	CC13	F	MCA1646G	Purified			✓		
CD1w2	CC20	C, F, IP	MCA2058G	Purified, RPE, S/N			✓		
CD1w2	CC14	C, F, IP	MCA831G	Purified, Ascites			✓		
CD1w3	CC43	F, IP	MCA1647G	Purified, S/N		✓	✓		✓
CD2	CC42	C, F, IP, P	MCA833G	Purified, Ascites, FITC	✓			✓	
CD4	CC8	C, F, IP	MCA1653GA	Purified, Alexa Fluor® 647, FITC, RPE	✓				
CD4	CC30	C, F, IP, P	MCA834GA	Purified	✓				
CD5	CC17	C, F, IP	MCA835G	Purified, Alexa Fluor 647, FITC	✓	✓			
CD6	CC38	C, F, IP	MCA836	Ascites	✓				
CD8	CC63	C, F, IF, IP, P	MCA837GA	Purified, Alexa Fluor 647, FITC, RPE		✓		✓	
CD8beta	CC58	F, IP	MCA1654G	Purified, RPE		✓			
CD11a	IL-A99	F, IP	MCA2429	Purified, FITC, RPE	✓	✓	✓	✓	✓
CD11b	CC126	C, F, IP	MCA1425GA	Purified, FITC				✓	✓
CD13	CC81	F	MCA2338	Purified, FITC			✓		
CD14	CC-G33	F, IF	MCA2678GA	Purified, FITC					✓
CD21	CC21	C, F, IF, IP	MCA1424GA	Purified, FITC, RPE		✓			
CD21	CC51	F	MCA5953GA	Purified, FITC, RPE		✓			
CD25	IL-A111	C, F, IP	MCA2430GA	Purified, FITC, RPE	✓			✓	
CD26	CC69	F, IP	MCA1652G	Purified, Alexa Fluor 647, S/N		✓	✓	✓	
CD28	CC219	F, FN	MCA5779	Purified, FITC, EL, RPE	✓				
CD28	CC220	F, FN	MCA5778	Purified, EL	✓				
CD32	CCG36	C, F	MCA5918GA	Purified, FITC, RPE		✓	✓		✓

**Cow CD Marker Antibodies**

Specificity	Clone	Applications	Product Code	Format	T cell	B cell	Dendritic cell	NK cell	Monocyte/ macrophage
CD32	CCG39	C, F	MCA5919GA	Purified, FITC		✓	✓		✓
CD40	IL-A156	F, FN	MCA2431GA	Purified, FITC, RPE		✓			
CD41	IL-A164	C, F, IP	MCA2432	Purified, FITC, RPE					
CD44	IL-A118	F	MCA2433	Purified, FITC, RPE	✓	✓			✓
CD45	CC1	C, F, IP	MCA832GA	Purified, FITC	✓	✓			
CD45RB	CC76	C, F, IP	MCA1650G	Purified, FITC, S/N	✓				
CD45RO	IL-A116	F, IP	MCA2434GA	Purified, RPE	✓				✓
CD62L	CC32	F	MCA1649G	Purified, FITC, S/N	✓	✓		✓	✓
CD63	CC25	F	MCA2042GA	Purified			✓		✓
CD80	IL-A159	F	MCA2436GA	Purified, FITC, RPE		✓	✓		✓
CD80	IL-A190	F	MCA2437GA	Purified, FITC, RPE		✓	✓		✓
CD172a	CC149	F	MCA2041GA	Purified, RPE-Cy5			✓		✓
CD205	CC98	C, F, IP	MCA1651GA	Purified, FITC			✓		
CD205	IL-A114	C, F	MCA2450GA	Purified, FITC, RPE			✓		
CD282	12542	F	HCA151	Purified, Alexa Fluor 647, FITC			✓		✓
CD282	12538	F	HCA152	Purified, Alexa Fluor 647, FITC			✓		✓
CD335	AKS1	F, FN, IF, WB	MCA2365GA	Purified, Alexa Fluor 488, EL, 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.

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

## Crossreactive Cow CD Marker Antibodies

In addition to antibodies raised directly against bovine antigens, we offer CD marker antibodies that have been qualified as bovine crossreactive\* to enable further investigation of the cattle immune system and complement AbD Serotec's antibodies to native bovine antigens.

Specificity	Clone	Applications	Product Code	Format	T cell	B cell	Dendritic cell	NK cell	Monocyte/ macrophage
CD1	20.27	C, F, IF, IP	MCA2212	Purified, Alexa Fluor 647, FITC		✓	✓		✓
CD1	VPM5	C, F	MCA892	S/N		✓	✓		✓
CD3	CD3-12	C, F, IF, P, WB	MCA1477	Purified, Alexa Fluor 488, Alexa Fluor 647, FITC, Pacific Blue™	✓				
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, EL, FITC, Pacific Blue, RPE, RPE-Alexa Fluor 647, RPE-Alexa Fluor 750					✓
CD16	KD1	F, FN	MCA5665	Purified, FITC				✓	✓
CD18	CA1.4E9	C, F, IF, IP	MCA1780GA	Purified, Alexa Fluor 647	✓	✓	✓	✓	✓
CD22	Mc64-12	F	MCA1380B	Biotin, FITC, RPE		✓			
CD31	CO.3E1D4	F, IP	MCA1097GA	Purified, FITC	✓	✓			✓
CD41/ CD61	A10-33/1	C, WB	4108-7204	Purified					
CD41/ CD61	CO.35E4	E, F, IP	MCA1095GA	Purified, S/N					
CD47	BRIC126	C, F, FN, IP, WB	MCA911	Purified	✓	✓			✓
CD49d	HP2/1	C, F, FN, IP	MCA697GA	Purified	✓	✓	✓		✓
CD61	JM2E5	C, F, IP, P, WB	MCA2263GA	Purified, FITC					✓
CD62P	Psel. KO.2.7	C, F, IP	MCA2419	Purified, Alexa Fluor 488, Alexa Fluor 647, RPE					
CD68	ED1	C, F, IF, IP, P	MCA341GA	Purified, Alexa Fluor 488, Alexa Fluor 647, Alexa Fluor 700, Biotin, FITC, RPE					✓
CD77	38-13	F	MCA579	Purified		✓			
CD79a	HM57	C, F, P, WB	MCA2538GA	Purified, Alexa Fluor 647, RPE		✓			

Specificity	Clone	Applications	Product Code	Format	T cell	B cell	Dendritic cell	NK cell	Monocyte/macrophage
CD88	S5/1	F, FN, P, WB	MCA1283	Purified, EL			✓		✓
CD117	104D2	F	MCA1841	Purified, RPE					
CD119	BB1E2	C, E, F, WB	MCA1450	Purified, Alexa Fluor 488, Alexa Fluor 647, FITC	✓	✓			✓
CD143	2E2	E, P, WB	MCA2056	S/N					✓
CD143	3C5	E, P, WB	MCA2054	S/N					✓
CD144	POLY	F	AHP628F	FITC					
CD144	POLY	C, E, F, FN, WB	AHP628Z	Preservative Free					
CD230	5121	E, P, WB	OBT0873	Purified	✓	✓	✓	✓	✓
CD230	POLY	E, P, WB	AHP498	Serum	✓	✓	✓	✓	✓
CD292	1564	E, FN, WB	HCA004	Purified					

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Our cow CD marker collection is complemented by early and late cytokines for evaluating disease progression and prognosis.

To view our entire collection of cow antibodies, search online at: [abdserotec.com/veterinary-antibodies.html](http://abdserotec.com/veterinary-antibodies.html)

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