

## Mouse antibodies

### List of antibodies optimized on COMET for mouse tissues

S.No	Antibody	Clone	Raise in
1	FOXP3	FJK-16s	Rat
2	pAKT	EP2109Y	Rabbit
3	pERK	20G11	Rabbit
4	Integrin B3	D7X3P	Rabbit
5	Ly6G	1A8	Rat
6	CD31	polyclonal	Rabbit
7	CD3	CD3-12	Rat
8	PDGFRb	G.290.3	Rabbit
9	CD4	4SM95	Rat
10	CD19	D4V4B	Rabbit
11	CD8	4SM16	Rat
12	CD11b	EPR1344	Rabbit
13	aSMA	1A4	Mouse
14	FAP	EPR20021	Rabbit
15	Ker17/19	D32D9	Rabbit
16	Desmin	DE-U-10	Mouse
17	Collagen 1	polyclonal	Goat
18	PPARg	polyclonal	Rabbit
19	IRF8	W17160D	Rat
20	IRF1	2F9	Rabbit
21	XCR1	Polyclonal	Rat
22	MHC II	Polyclonal	Rabbit
23	PDL1	Polyclonal	Rat
24	TMEM123	polyclonal	Rabbit
25	CD11C	Polyclonal	Arm Ham
26	B220	RA3-6B2	Rat
27	FABP5	polyclonal	Goat
28	Bcl6	7D1	Rat
29	NKp46	Polyclonal	Goat
30	AZGP1	Polyclonal	Rabbit
31	H3K9me2	SN07-30	Rabbit
32	TGF B1	PD00-17	Rabbit
33	Lyve-1	Polyclonal	Rabbit
34	CD103	Polyclonal	Rabbit
35	CD49a	Polyclonal	Rabbit
36	Na <sup>+</sup> /K <sup>+</sup> ATPase α	H-3	Mouse
37	IgA	Polyclonal	Goat
38	IgG	Polyclonal	Goat
39	IgM	Polyclonal	Goat
40	Irf4	EPR28687-87	rabbit
41	CD38	EPR21079	rabbit
42	Podoplanin	066	Rabbit
43	BRDU/EDU	Bu20a	Mouse IgG1,k
44	VEGFR3/Flt-4	Polyclonal	Goat

45	<b>PROX1</b>	Polyclonal	Rabbit
46	<b>CCL21 (6CKine)</b>	Polyclonal	Goat
47	<b>CCR7</b>	4B12	Rat
48	<b>Uteroglobulin (CC10)</b>	Polyclonal	Rabbit
49	<b>SPC</b>	Polyclonal	Rabbit
50	<b>iNOS</b>	Polyclonal	Rabbit
51	<b>Arginase 1</b>	D4E3M	Rabbit
52	<b>ST2 (IL-33R)</b>	RMST2-2	Rat
53	<b>F4/80</b>	BM8	Rat
54	<b>CD138 (Syndecan-1)</b>	MI15	Mouse
55	<b>CD21</b>	EP3093	Rabbit
56	<b>BCL6</b>	EP278	Rabbit
57	<b>CD45RA</b>	HI100	Mouse
58	<b>CXCR3</b>	Polyclonal	Rabbit
59	<b>CD20</b>	L26	Mouse
60	<b>TNF<math>\alpha</math></b>	Polyclonal	Rabbit
61	<b>CD38</b>	SP149	Rabbit

## Human antibodies

### List of antibodies optimized on COMET for human tissues

S.No	Antibody	Clone	Raise in
1	Ag85B	Polyclonal	Rabbit
2	aSMA	1A4	Mouse
3	CD11b	EPR1344	Rabbit
4	CD16	SP175	Rabbit
5	CD163	MRQ-26	Mouse
6	CD19	D4V4B	Rabbit
7	CD206	E6T5J	Rabbit
8	CD31	EP3095	Rabbit
9	CD56	MRQ-42	Rabbit
10	CD69	EPR21814	Rabbit
11	Collagen 1	polyclonal	Goat
12	Desmin	DE-U-10	Mouse
13	FAP	EPR20021	Rabbit
14	GranzB	EPR20129-217	Rabbit
15	hCD3	MRQ-39	Rabbit
16	hCD31	EP3095	Rabbit
17	hCD4	EPR6855	Rabbit
18	hCD68	KP1	Mouse
19	hCD8	4B11	Mouse
20	hFOXP3	236A/E7	Mouse
21	hPD-1	D4W2J	Rabbit
22	hPD-L1	73-10	Rabbit
23	Integrin B3	D7X3P	Rabbit
24	Ker 17/19	D32D9	Rabbit
25	OPN	Polyclonal	Goat
26	pAKT	EP2109Y	Rabbit
27	PDGFRb	G.290.3	Rabbit
28	pERK	20G11	Rabbit
29	pH2AX	Polyclonal	Rabbit
30	CD80	MAB140	Mouse
31	CD27	LPFS2/1611	Mouse
32	NKG2D	1D11	Mouse
33	CD57	HNK-1	Mouse
34	Na <sup>+</sup> /K <sup>+</sup> ATPase α	H-3	Mouse
35	Tim3	D5D5R	Rabbit
36	CAIX	D47G3	Rabbit
37	CD28	D224E	Rabbit
38	CDKN1A	12D1	Rabbit
39	DPP4	D6D8K	Rabbit
40	CD39	Polyclonal	Rabbit
41	NKG2A	EPR23737-127	Rabbit
42	Anti-GLB1	Polyclonal	Rabbit
43	MPO	2C7	Mouse
44	H3-Cit	Y	Rabbit

45	<b>CD15</b>	MMA	Mouse
46	<b>Neutrophil Elastase</b>	8X4E6	Rabbit
47	<b>GLUT3</b>	JA50-31	Rabbit
48	<b>CD66b</b>	EPR20721	Rabbit
49	<b>GLUT1</b>	SA0377	Rabbit
50	<b>Pan-Keratin</b>	Polyclonal	Mouse
51	<b>CD138 (Syndecan-1)</b>	MI15	Mouse
52	<b>CD21</b>	EP3093	Rabbit
53	<b>BCL6</b>	EP278	Rabbit
54	<b>CD45RA</b>	HI100	Mouse
55	<b>CXCR3</b>	Polyclonal	Rabbit
56	<b>CD20</b>	L26	Mouse
57	<b>TNF<math>\alpha</math></b>	Polyclonal	Rabbit
58	<b>CD38</b>	SP149	Rabbit
59	<b>CD45 (CLA)</b>	2B11 & PD7/26	Mouse
60	<b>CD11c</b>	5O17	Mouse