

Supplementary Table 1. Antibody panel used for mass cytometry experiments.

MAIN

Channel	Metal	Protein	Concentration (ug/ml)	Clone	Vendor	Catalogue #	Lot #
113	In	Ter119	3	TER119	Biolegend	116202	B250339
115	In	CD45	6	30-F11	Biolegend	103102	B253429
139	La	Ly6G	1.5	1A8	Biolegend	127602	B265459
140	Ce	IgD	3	11-26c.2a	Biolegend	405702	B165867
141	Pr	CD16/32	3	2.4G2	BD	553142	8130843
142	Nd	CD49b	0.75	HM α 2	Biolegend	103501	--
143	Nd	CD11c	0.75	N418	Biolegend	117302	B191075
144	Nd	CD49d	3	R1-2	BioLegend	103610	B254009
145	Nd	CD27	0.75	LG.3A10	Biolegend	124202	B233065
146	Nd	CD138	0.1875	281-2	Biolegend	142502	B233106
147	Sm	PD-L1	3	10F.9G2	Biolegend	124302	B220492
148	Nd	CD103	3	2E7	Biolegend	121402	B249116
149	Sm	SiglecF	1.5	E50-2440	BD	552125	7264727
150	Nd	PDCA-1	0.75	129c1	Biolegend	127102	B188381
151	Eu	Ly6C	0.75	HK1.4	Biolegend	128002	B253176
152	Sm	Ki67	6	SolA15	BD	556003	6280947
153	Eu	CD11b	3	M1/70	Biolegend	101202	B261558
154	Sm	cKit	1.5	2B8	Biolegend	105802	B241900
155	Gd	CD8	3	53-6.7	Biolegend	100702	B237234
156	Gd	CD4	0.75	RM4-5	Biolegend	100506	B251707
157	Gd	CD3	0.75	17A2	Biolegend	100202	B241388
158	Gd	B220	1.5	RA3-6B2	Biolegend	103202	B170375
159	Tb	PD-1	0.75	29F.1A12	Biolegend	135202	B196019
160	Gd	NK1.1	1.5	PK136	Biolegend	108702	B187819
161	Dy	T-bet	6	O4-46	BD	561263	3032551
162	Dy	TCRgd	3	GL3	Biolegend	118101	--
163	Dy	CD62L-FITC	3	MEL-14	Biolegend	104443	B235113
164	Dy	CD86	0.375	GL-1	Biolegend	105002	B244244
165	Ho	CD69	0.75	Polyclonal	R&D	AF2386	UIU011808A
166	Er	FcER1a	1.5	MAR-1	Biolegend	134321	B243579
167	Er	Foxp3	3	NRRF-30	eBioscience	14-4771-80	1972297
168	Er	RO Rgt	6	B2D	eBioscience	14-6981-82	--
169	Tm	F4/80	1.5	BM8	Biolegend	123102	B226029
170	Er	CD115	1.5	AF598	Biolegend	135521	--
171	Yb	CD64	6	X54-5/7.1	Biolegend	139302	B270355
172	Yb	GATA3	3	16E10A23	Biolegend	653802	B201420
173	Yb	CD19	0.75	6D5	Biolegend	115502	B166684
174	Yb	IgM	6	RMM-1	Biolegend	406502	B256697
175	Lu	CD44	0.375	IM7	Biolegend	103002	B246298
176	Yb	CD90	0.75	G7	Biolegend	105202	B187334
209	Bi	MHC II	0.1875	M5/114.15.2	Biolegend	107602	B141287

Other Substitutes

Channel	Metal	Protein	Concentration (ug/ml)	Clone	Vendor	Catalogue #	Lot #
89	Y	Ter119	6	TER119	BioLegend	116202	B250339
113	In	CD45.2	3	104	BioLegend	109802	B269632
115	In	CD45.1	3	A20	BioLegend	110702	B237865
140	Ce	H2KB	3	AF6-88.5	BioLegend	116501	--
140	Ce	KLRG1	0.75	2F1	BD	562190	8113778
141	Pr	GranzymeB	3	QA16A02	BioLegend	372202	--
144	Nd	CD43	6	S7	BD	553268	8268962
160	Gd	CD31	6	MEC13.3	BioLegend	102512	B226133
161	Dy	CD80	3	16-10A1	BioLegend	104702	B237237
162	Dy	CD83	3	Michel-19	BioLegend	121502	B253543
163	Dy	CD62L	3	95218	R&D	MAB5761	--
168	Er	CD25	3	PC61	BioLegend	102014	B235231
172	Yb	cCaspase3	1	5A1E	Fluidigm	3172023A	0391807
174	Yb	CD127	4	A7R34	BioLegend	135002	B168578
174	Yb	GranzymeB	1.5	GB11	BioRad	MCA2120	--
176	Lu	CD54	3	YN1/1.7.4	BioLegend	116102	B197852
163	Dy	a-FITC		Polyclonal	Southern Biotech	6400-01	L1217-QE58
FITC	NA	CD62L	3	MEL-14	Biolegend	104406	B233014