

Supplementary Table.1

Antibody Name	Supplier	Clone	Catalog
Percp-cy5.5 CD3	BioLegend	OKT3	317336
APC-cy7 CD3	BioLegend	HIT3a	300317
PE CD3	BioLegend	UCHT1	300407
FITC CD38	BioLegend	HB-7	356609
PE-cy7 CD38	BioLegend	HB-7	356608
PE HLA-A/B/C	BioLegend	W6/32	311405
Pe-cy7 HLA-DR/DP/DQ	BioLegend	Tu39	361707
Anti-hOCIL Affinity Purified Goat IgG	R&D		AF3480
AF488 donkey anti-goat IgG(H+L)	Invitrogen		2604365
CD38 Protein, Fc Tag	AcroBiosystems		CD8-H5255
APC Anti-Human IgG Fc	BioLegend	M1310G05	410712
PE CD4	BioLegend	A161A1	357404
APC CD8	BioLegend	SK1	344721
PE-cy7 Tim-3	BioLegend	F38-2E2	345013
Percp-cy5.5 Lag3	BioLegend	11C3C65	369311
PE PD-1	BioLegend	EH12.2H7	329905
APC TIGIT	BioLegend	A15153G	372706
BV510 CD45RA	BioLegend	HI100	304141
Pe-cy7 CD62L	BioLegend	DREG-56	304821
Pe-cy7 CD56	BioLegend	5.1H11	362509
Percp-cy5.5 CD161	BioLegend	HP-3G10	339908
APC CD107a	BioLegend	H4A3	328619
PE IL-5	BioLegend	TRFK5	504303
BV421 IL-10	BioLegend	JES3-9D7	501421
Pe-cy7IL-10	BioLegend	JES3-9D7	501419
BV605 IL-4	BioLegend	MP4-25D2	500827
Pe-cy7 CCR2	BioLegend	K036C2	357211
FITC CD45	BioLegend	HI30	304006
APC IgG2a, isotype	BioLegend	MOPC-173	400221

BV510 IgG1, isotype	BioLegend	MOPC-21	400171
PE IgG2a, isotype	BioLegend	MOPC-173	400213
FITC IgG2a, isotype	BioLegend	MOPC-21	400109
Pe-cy7 IgG2a, isotype	BioLegend	MOPC-173	400231
Percp-cy5.5 IgG2b, isotype	BioLegend	MPC-11	400337
BV421 IgG1, isotype	BioLegend	RTK2071	400429
BV605 IgG1, isotype	BioLegend	RTK2071	400433
PE anti-TCF1 (TCF7)	BioLegend	7F11A10	655207
Phospho-NF- κ B p65 (Ser536) (PE Conjugate)	Cell Signaling Technology	93H1	5733S