

**Supplemental Table 4. Spectral flow cytometry antibody panel.**

Marker	Color	Dilution	Clone	Supplier
LIVE/DEAD	Aqua	1:1000	N/A	Biolegend
CD45	APC/Fire 810	1:200	30-F11	Biolegend
CD3	Spark YG 570	1:200	17A2	Biolegend
CD4	PE/Fire 700	1:400	GK1.5	Biolegend
CD8	PE/Fire 640	1:200	53-6.7	Biolegend
FOXP3	pacific blue	1:400	MF-14	Biolegend
PD-1	APC/Cy7	1:200	29F.1A12	Biolegend
LAG-3	PE	1:100	C9B7W	Biolegend
granzyme B	AF647	5 ul per test	GB11	Biolegend
CD49d	PE-Cy7	1:200	R1-2	Biolegend
CD11a	PerCP/Cy5.5	1:300	M5/114.15.2	Biolegend
CD62L	BV650	1:100	MEL-14	Biolegend
CD69	BV480	1:100	H1.2F3	BD Biosciences
CD19	Pe-Cy5	1:100	6D5	Biolegend
NKp46	BV711	1:200	29A1.4	Biolegend
CD11c	BV750	1:200	N418	Biolegend
I-A/I-E (MHC II)	APC	1:100	M5/114.15.2	Biolegend
CD11b	BV570	1:100	M1/70	Biolegend
Ly6G	AF700	1:400	1A8	Biolegend
Ly6C	BV421	1:200	HK1.4	Biolegend
CCR2	FITC	1:100	SA203G11	Biolegend
Ki67	Pe/Dazzle 594	1:100	16A8	Biolegend