

Antibody/Product	Company	Catalog number	Host/Isotype	Clone	Fluorescent marker
CD3	BD Biosciences	557757	Mouse/IgG1	SP34-2	APC-Cy7
CD3	BD Biosciences	557917	Mouse/IgG1	SP34-2	AF700
CD3	BD Biosciences	556611	Mouse/IgG3	SP34	FITC
CD4	BD Biosciences	563914	Mouse/IgG1	L200	BV786
CD8	BD Biosciences	563795	Mouse/IgG1	RPA-T8	BUV395
CD19	Beckman Coulter	IM1285U	Mouse/IgG1	J3-119	PE
CD20	eBioscience	45-0209-42	Mouse/IgG2b	2H7	PerCP-Cy5.5
CD25	Miltenyi	130-091-024	Mouse/IgG2b	4E3	PE
CD28	eBioscience	25-0289-42	Mouse/IgG1	CD28.2	PE-Cy7
CD28	eBioscience	45-0289-42	Mouse/IgG1	CD28.2	PerCP-Cy5.5
CD29 (integrin $\beta$ 1)	eBioscience	11-0299-42	Mouse/IgG1	TS2/16	FITC
CD49d (integrin $\alpha$ 4)	BD Biosciences	565277	Mouse/IgG1	9F10	BV421
CD95	Biolegend	305628	Mouse/IgG1	DX2	BV605
CD95	BD Biosciences	561636	Mouse/IgG1	DX2	PE-Cy7
Cetuximab (Erbix)	BD Biosciences	623182	Chimeric mouse/human	N/A	APC
Ki-67	BD Biosciences	561284	Mouse/IgG1	B56	PerCP-Cy5.5
Debris Removal Solution	Miltenyi Biotec	130-109-398	N/A	N/A	N/A
Pan T Cell Isolation Kit, NHP	Miltenyi Biotec	130-091-993	N/A	N/A	N/A
T Cell Activation/Expansion Kit, NHP	Miltenyi Biotec	130-092-919	N/A	N/A	N/A
Tumor Dissociation Kit, Human	Miltenyi Biotec	130-095-929	N/A	N/A	N/A

## Supplementary Table S3