

Supplementary Table 6. Summary of antibodies and Live/dead staining used in flow cytometry and western blotting

Molecule	Tag or Identifier	Clone	Company	Purpose
Mouse CD3	PerCP-Cy5.5, V500/ AF700	17A2/ 500A2	Biolegend	FC
Mouse CD8a	PerCP-Cy5.5, FITC, BV785	53-6.7	BD Biosciences	FC
Mouse CD4	PE-Cy7	RM4-5	BD Biosciences	FC
Mouse CD45	PE, APC	30-F11	Biolegend	FC
Mouse CD45	BV421	30-F11	BD Biosciences	FC
Mouse CD44	APC	IM7	Biolegend	FC
Mouse CD62L	PE	MEL-14	Biolegend	FC
Mouse CD28	PE	37.51	Biolegend	FC
Mouse CD27	APC	LG.3A10	Biolegend	FC
Mouse CD127	PE-Cy7, BV650	A7R34	Biolegend	FC
Mouse/Human KLRG1	BV421	2F1/KLR G1	Biolegend	FC
Mouse PD-1	BV421, BV510	29F.1A12	Biolegend	FC
Mouse TCF1	PE, AF647	S33-966	BD Biosciences	FC
Mouse TIM3	PE-Cy7	B8.2C12	Biolegend	FC
Mouse GranzymeB	FITC	GB11	Biolegend	FC
Human CD3	V500	UCHT1	BD Biosciences	FC
Human CD3	PE	HIT3a	Biolegend	FC
Human CD45	FITC, BV421	HI100	Biolegend	FC
Human CD45	BV421	HI30	BD Biosciences	FC
Human CD63	FITC	H5C6	Biolegend	FC
Human CD81	PE	5A6	Biolegend	FC
Human PD-1	BV421	EH12.2H7	Biolegend	FC
Human CD69	V500	FN50	BD Biosciences	FC
Human CD27	APC	LG.3A10	Biolegend	FC
Human CD28	FITC	CD28.2	Biolegend	FC
Human CD45RA	PerCP-Cy5.5	HI100	Biolegend	FC
Human CCR7	APC	2-L1-A	BD Biosciences	FC
Human p16	Alexa Fluor 488/Alexa Fluor 555	D7C1M	Cell Signaling Technology	FC
Human p53	Alexa Fluor 488	1C12	Cell Signaling Technology	FC
Human p53	PE	12D1	BD Biosciences	FC
Human USP30	-	15402-1-AP	proteintech	FC

Human LC3B	-	18725-1-AP	proteintech	FC
Fixable Viability Dye (Live/dead staining)	APC-Cy7	-	Thermo Fisher Scientific	FC
7-AAD (Live/dead staining)	7-AAD	-	BD Biosciences	FC
Human/mouse ND4	# 26736-1-AP	N/A	Proteintech	WB
Human/mouse ND5	# 55410-1-A	N/A	Proteintech	WB
Human/mouse ND6	# NBP2-94464	N/A	Novus Biologicals	WB
Human/mouse ATP6	# 55313-1-AP	N/A	Proteintech	WB
Human/mouse ND1	# 19703-1-AP	N/A	Proteintech	WB
Human/mouse MT-CO1	# 62101	N/A	Cell Signaling Technology	WB
Human/mouse CYTB	# 55090-1-AP	N/A	Proteintech	WB
Human/mouse β-actin	# 4970	13E5	Cell Signaling Technology	WB
Human CD9	# 20597-1-AP	N/A	Proteintech	WB
Human TSG101	# 67381-1-Ig	N/A	Proteintech	WB
Human Cytochrome C	# 4272	D14E12	Cell Signaling Technology	WB
Bovine serum albumin	# 66201-1-Ig	N/A	Proteintech	WB

7-AAD, 7-Amino-Actinomycin D; FC, flow cytometry; WB, Western blotting