

Supplementary Table 1. Antibodies used in this study

Antibody	Clone, source	Dilution	Company	Catalog No.
For Flow Cytometry Staining				
Anti-mouse H-2K ^d	Mouse IgG2a (SF1-1.1)	1:100	BD	553566
Anti-mouse CD45	Rat IgG2b (30-F11)	1:100	BD	553081
Anti-mouse CD140b	Rat IgG2a (APB5)	1:100	BioLegend	136006
Anti-mouse CD235a	Mouse IgG2b (GA-R2)	1:100	BD	561051
Anti-mouse CD31	Rat IgG2a (MEC13.3)	1:100	BD	561073
Anti-mouse CD45	Rat IgG2b (30-F11)	1:100	BioLegend	103108
Anti-mouse CD11b	Rat IgG2b (M1/70)	1:80	BioLegend	101208
Anti-mouse Gr1	Rat IgG2b (RB6-8C5)	1:80	BioLegend	108412
Anti-mouse Ly-6C	Rat IgG2c (HK1.4)	1:100	BioLegend	128012
Anti-mouse Ly-6G	Rat IgG2a (1A8)	1:100	BioLegend	127624
Anti-mouse CD3	Rat IgG2b (17A2)	1:80	BioLegend	100222
Anti-mouse CD4	Rat IgG2b (GK1.5)	1:80	BioLegend	100434
Anti-mouse CD8a	Rat IgG2a (53-6.7)	1:50	BioLegend	100706
Anti-mouse TNF-a	Rat IgG1 (MP6-XT22)	1:50	BioLegend	506318
Anti-mouse IFN-y	Rat IgG1 (XMG1.2)	1:50	BioLegend	505850
For Western Blotting				
ALDH1A1	Rabbit IgG (EP1933Y)	1:1000	Abcm	ab52492
Flag	Rabbit IgG (F7425)	1:1000	Sigma	F7425
IκBα	Rabbit IgG (44D4)	1:1000	CST	4812s
p-IκBα	Rabbit IgG (14D4)	1:1000	CST	2859s
p65	Rabbit IgG (D14E12)	1:1000	CST	8242s
p-p65	Rabbit IgG (93H1)	1:1000	CST	3033s
TAK1	Rabbit IgG (D94D7)	1:1000	CST	5206s
p-TAK1	Rabbit IgG (90C7)	1:1000	CST	4508s
JNK	Rabbit Polyclonal Antibody	1:1000	CST	9252s
p-JNK	Rabbit Polyclonal Antibody	1:1000	CST	9251s
p38	Rabbit Polyclonal Antibody	1:1000	CST	9212s
p-p38	Rabbit IgG (12F8)	1:1000	CST	4631s

Erk1/2	Rabbit IgG (137F5)	1:1000	CST	4695s
p-Erk1/2	Rabbit Polyclonal Antibody	1:1000	CST	9101s
Second antibody	HRP conjugated goat anti-mouse IgG (A267)	1:5000	TransGen	HS201-01
Second antibody	HRP conjugated goat anti-rabbit IgG (C129)	1:5000	TransGen	HS101-01
For ELISA				
GM-CSF ELISA Kit	Human (Cat# KE00003)		Proteintech	KE00003
GM-CSF ELISA Kit	Mouse (Cat# KE10015)		Proteintech	KE10015
Neutralizing antibody				
Isotype Control	Mouse IgG		Sigma	I8765
Ly6G	Mouse IgG2A (1A8)		BioXCell	BP0075-1