

Supplemental Table 1: List of antibodies and reagents

<b>Antibodies for Flow Cytometry</b>				
Antigens	Clones	Manufacturers	Catalog number	RRID
CD8	53-6.7	BD Horizon™	563786	AB_2732919
CD8	53-6.7	BD Pharmingen™	553035	AB_398537
CD4	GK1.5	BD Horizon™	563331	AB_2738140
CD4	GK1.5	BD Pharmingen™	557308	AB_396634
CD3	145-2C11	BD Pharmingen™	561042	AB_2034003
CD45	30-F11	BD Horizon™	563053	AB_2737976
CD45	30-F11	BD Pharmingen™	553080	AB_394610
LAG3	C9B7W	BD OptiBuild™	740072	AB_2739842
CD28	37.51	BD Pharmingen™	562767	AB_2737780
CD69	H1.2F3	BD Pharmingen™	561931	AB_10892815
TCF1	S33-966	BD Pharmingen™	564217	AB_2687845
PD-1	29F.1A12	BioLegend™	135231	AB_2566158
Tim3	B8.2C12	BioLegend™	134010	AB_2632734
IFN- $\gamma$	XMG1.2	BioLegend™	505829	AB_10897937
TNF- $\alpha$	MP6-XT22	BioLegend™	506322	AB_961434
anti-IL2	JES6-5H4	BioLegend™	503837	AB_2564225
FasL	MFL3	Invitrogen™	25-5911-82	AB_2573497
$\beta$ 2-AR		Biorbyt	orb15065	AB_10735676
GLUT-1	EPR3915	Abcam™	ab195020	AB_2783877
<b>Isotype Control for Flow Cytometry</b>				
BV421 Rat IgG1, $\kappa$ Isotype	RTK2071	BioLegend™	400429	AB_10900998
PerCP-Cy5.5 Rat IgG1, $\kappa$ Isotype	RTK2071	BioLegend™	400425	AB_893689
BV711 Rat IgG2b, $\kappa$ Isotype	RTK4530	BioLegend™	400653	
PE Mouse IgG1, $\kappa$ Isotype	MOPC-21	BD Pharmingen™	554680	AB_395506
Recombinant Alexa Fluor 647 Rabbit IgG	EPR25A	Abcam™	ab199093	AB_2818935
<b>Antibodies for Western Blot</b>				
phospho-Zap-70 (Tyr 319)/Syk (Tyr352)	65E4	Cell Signaling Technology	2717S	AB_2218658
Zap-70	D1C10E	Cell Signaling Technology	3165S	AB_2218656

GAPDH	D4C6R	Cell Signaling Technology	97166S	AB_2756824
Anti-rabbit IgG, HRP-linked		Cell Signaling Technology	7074	AB_2099233
Anti-mouse IgG, HRP-linked		Cell Signaling Technology	7076	AB_330924
<b>Antibodies for Cell Culture</b>				
Anti-CD3	145-2C11	BioXcell	BE0001-1	AB_1107634
Anti-CD28	37.51	BioXcell	BE0015-1	AB_1107624
<b>Reagents for Metabolic Analysis</b>				
<b>Name</b>	<b>Provider</b>	<b>Cat#</b>	<b>Final concentration</b>	<b>Injection Time</b>
Oligomycin	Sigma	45-75351-5MG	1 $\mu$ M	16mins for OCR/ 35 mins for ECAR
FCCP (carbonyl cyanide 4-(trifluoromethoxy) phenylhydrazone)	Sigma	C2920-10MG	2 $\mu$ M	35mins
Antimycin A	Sigma	A8674-25MG	0.5 $\mu$ M	55mins
Rotenone	Sigma	45656-250MG		
Glucose	Thermo	15023-021	10mM	16mins
2-DG (2-deoxy-D-glucose)	Sigma	D6134-25G	50mM	55mins