

**Supplemental Table S1: Inhibitors**

Compound	Manufacturer	Order No.	Concentration
APCP	Tocris	3633	10-100 $\mu$ M
Cytochalasin D	Cayman Chemicals	11330	5 $\mu$ M
Dynasore	Cayman Chemicals	14062	20 $\mu$ M
EIPA	Cayman Chemicals	14406	20 $\mu$ M
GW4869	Selleckchem	S7609	10 $\mu$ M
Heparin	Sigma-Aldrich	H3149	10 $\mu$ g/mL
Nexinhib20	Tocris	6089	6 $\mu$ M
POM 1	Tocris	2689	10-100 $\mu$ M
ZM241385	Selleckchem	S8105	30 $\mu$ M

**Supplemental Table S2: Fluorochrome-conjugated antibodies**

Antibody	Clone	Manufacturer
CD4	OKT4	Biolegend
CD8	RPA-T8	Biolegend
CD25	M-A251	BD Biosciences
CD25	BC96	Biolegend
CD36	REA760	Miltenyi biotec
CD39	A1	Biolegend
CD45RO	UCHL1	Biolegend
CD49b	eBioY418	ThermoFischer Scientific
CD57	HCD57	Biolegend
CD62L	DREG-56	Biolegend
CD73	AD2	Biolegend
CD112	TX31	Biolegend
CD137	4B4-1	Biolegend
CD152 (CTLA-4)	L3D10	Biolegend
CD154 (CD40L)	24-31	Biolegend
CD223 (LAG3)	11C3C65	Biolegend
CD274 (PD-L1)	29E.2A3	Biolegend
CD279 (PD-1)	EH12.2H7	Biolegend
FoxP3	206D	Biolegend
Galectin-9	9M1-3	Biolegend
GLUT1	202915	R&D Systems
GLUT3	202017	R&D Systems
Granzyme B	GB11	Biolegend
IFN $\gamma$	4S.B3	Biolegend
Ki67	Ki67	Biolegend
KLRG1	14C2A07	Biolegend
p-4EBP1	M31-16	BD Bioscience
p-AKT	M89-61	BD Bioscience
p-AMPK	polyclonal	Biorbyt
p-CREB	J151-21	BDBioscience
p-mTOR	O21-404	BD Bioscience
p-S6	N7-548	BD Bioscience
Puromycin	12D10	Sigma Aldrich
TGF $\beta$	CH6-17E5.1	Miltenyi biotec

All conjugated antibodies were used at the manufacturers' recommended dilutions.