

Table SI. List of primary and secondary antibodies used for western blotting.

Antibody	Species	Catalogno.	Supplier	Notes
Anti-human/mouseIDO1	Rabbit	13268-1-AP	Proteintech Group, Inc.	Primary; monoclonal; 1;1,000
Anti-human GCN2	Rabbit	ab13405	Abcam	Primary; monoclonal;1;1,000
Anti-human/mouse STAT5A	Rabbit	ab32043	Abcam	Primary; monoclonal, 1;1,000
Anti-human/mouse cleavedPARP1	Rabbit	ab32064	Abcam	Primary; monoclonal; 1;1,000
Anti-human cleaved caspase-3	Rabbit	ab32042	Abcam	Primary; monoclonal; 1;1,000
Anti-human/mouse β -actin	Mouse	66009-1-lg	Proteintech Group, Inc.	Primary; monoclonal; 1;1,000
HRP-conjugated goat anti-rabbit IgG antibodies	Goat	sc-2357	Santa Cruz Biotechnology, Inc.	Secondary; 1:5,000
HRP-conjugated goat anti-mouse IgG antibodies	Goat	sc-2005	Santa Cruz Biotechnology, Inc.	Secondary; 1:5,000

GCN2, general control nonderepressible 2; IDO, indoleamine-2,3-dioxygenase;PARP, poly [ADP-ribose] polymerase 1.

Table SII. Antibodies used for flow cytometric analysis of mouse tumor samples and spleen.

Antibody	Species	Catalogno.	Supplier	Notes
PerCP/Cy-5-conjugated anti-CD3	RatIgG2b	100217	Biolegend, Inc.	Clone 17A2
PerCP/Cyanine5.5-conjugated, κ Isotype Ctrl	Rat IgG2b	400631	Biolegend, Inc.	Clone RTK4530
PE-conjugated anti-CD4	RatIgG2b	100407	Biolegend, Inc.	Clone GK1.5
APC-conjugated anti-CD8a	RatIgG2a	100711	Biolegend, Inc.	Clone 53-6.7
PE-conjugated rat IgG2b, κ isotype Ctrl	RatIgG2b	400607	Biolegend, Inc.	Clone RTK4530
APC-conjugated rat IgG2a, κ isotype Ctrl	RatIgG2a	400511	Biolegend, Inc.	Clone RTK2758
TruStain FcX™ (anti-mouse CD16/32)	Rat IgG2a	101319	Biolegend, Inc.	Clone 93
FITC-conjugated anti-CD4	RatIgG2a	100509	Biolegend, Inc.	Clone RM4-5
FITC-conjugated rat IgG2a, κ Isotype Ctrl	RatIgG2a	400505	Biolegend, Inc.	Clone RTK2758
APC-conjugated anti-CD25	RatIgG2b	101909	Biolegend, Inc.	Clone 3C7
APC-conjugated rat IgG2b, κ Isotype Ctrl	RatIgG2b	400611	Biolegend, Inc.	Clone RTK4530
PE-conjugated anti-mouse FOXP3	RatIgG2b	126403	Biolegend, Inc.	Clone MF-14
PE-conjugated rat IgG2b, κ isotype Ctrl	RatIgG2b	400607	Biolegend, Inc.	Clone TRK4530

APC, allophycocyanin; Cy, cyanine; Ctrl, control; PE, phycoerythrin; PerCP, peridinin chlorophyll protein.