

**Table S1. Flow cytometry panels**

Cell Subsets	Fluorescence									
	APC-Cy7	BV510	FITC	PE	BV421	APC	PE-Cy7	PerCP-Cy5.5	BV605	PE/Dazzle594
Human TAMs-1	FVS	CD45	CD68	C1q	CD163	Tim-3	HLA-DR	CX3CR1	PD-L1	—
Human TAMs-2	FVS	CD45	CD68	C1q	IL-10	TREM2	PD-1	CD206	—	—
Human TAMs-3	FVS	CD45	CD68	C1q	TGF- $\beta$	SIRP $\alpha$	—	—	—	—
Human TAMs-4	FVS	CD45	MS4A4A	C1q	CSF1R	—	—	CD68	—	—
Human TAMs + CD8 <sup>+</sup> T-1	FVS	Perforin	CD8	IFN- $\gamma$	Granzyme B	CD45	TNF- $\alpha$	CD3	CD8	—
Human TAMs + CD8 <sup>+</sup> T-2	FVS	CD45	CD8	—	TIGIT	—	PD-1	CD3	—	—
Mouse TAMs-1	FVS	CD45	C1q	F4/80	MHCII	TREM2	CX3CR1	CD11b	PD-L1	SIRP $\alpha$
Mouse TAMs-2	FVS	CD45	C1q	F4/80	PD-1	Tim-3	—	CD11b	—	—
Mouse TAMs-3	FVS	CD45	C1q	F4/80	IL-10	CD206	—	CD11b	—	—
Mouse TAMs-4	FVS	CD45	C1q	F4/80	TGF- $\beta$	—	—	CD11b	—	—
Mouse TAMs + CD8 <sup>+</sup> T-1	FVS	CD45	—	Granzyme B	TNF- $\alpha$	Perforin	IFN- $\gamma$	CD3	CD8	—
Mouse TAMs + CD8 <sup>+</sup> T-2	FVS	CD45	—	—	TIGIT	—	PD-1	CD3	CD8	—
Mouse-T lymphocytes-1	FVS	CD45	CD4	—	PD-1	CD127	CD25	CD3	CD8	—
Mouse-T lymphocytes-2	FVS	CD45	—	—	TIGIT	—	IFN- $\gamma$	CD3	CD8	—
Mouse MDSC	FVS	CD45	—	—	—	Gr-1	—	CD11b	—	—