

Supplementary Table S2. Antibodies and their respective fluorochromes used for multiparametric Flow Cytometric Immune cell profiling and immune checkpoint inhibitor expression

T-tube					
Monoclonal mouse antibody	Fluorochrome	Clone	Catalog No.	RRID	Vendor
CD45	APC-H7	2D1	560178	RRID: AB_1645470	BD Biosciences
CD3	V500	UCHT1	561416	RRID: AB_10896124	BD Biosciences
CD4	BB515	RPA-T4	555346	RRID: AB_395750	BD Biosciences
CD8	PE-Cy7	HIT8a	566858	RRID: AB_2738079	BD Biosciences
CD25	PE	M-A251	555432	RRID: AB_395766	BD Biosciences
CD127	R718	HIL-7R-M21	566967	RRID: AB_2738172	BD Biosciences
FOXP3	Alexa Fluor647	259D/C7	560045	RRID: AB_1645445	BD Biosciences
B and NK-cell tube					
Monoclonal mouse antibody	Fluorochrome	Clone	Catalog No.	RRID	Vendor
CD45	APC-H7	2D1	560178	RRID: AB_1645470	BD Biosciences
CD3	V500	UCHT1	561416	RRID: AB_10896124	BD Biosciences
CD7	APC	M-T701	653311	RRID: AB_2870014	BD Biosciences
CD19	PE-Cy7	SJ25C1	557835	RRID: AB_396877	BD Biosciences
CD20	PerCP-Cy5.5	2H7	302324	RRID: AB_314252	BioLegend
CD22	PE	HIB22	562859	RRID: AB_2737829	BD Biosciences
CD16	FITC	3G8	555406	RRID: AB_395806	BD Biosciences
CD56	R718	B159	566965	RRID: AB_2738189	BD Biosciences
PD-1 and PD-L1 tube with EpCAM and Macrophage markers					
Monoclonal mouse antibody	Fluorochrome	Clone	Catalog No.	RRID	Vendor
EpCAM (CD326)	BV605	EBA-1	563182	RRID:AB_2738165	BD Biosciences

PD-1 (CD279)	BB700	EH12.1(E H12)	566460	RRID:AB_2738121	BD Biosciences
PD-L1 (CD274)	PE	MIH1	557924	RRID:AB_396794	BD Biosciences
CD45	APC-H7	2D1	560178	RRID:AB_1645470	BD Biosciences
CD3	V500	UCHT1	561416	RRID:AB_10896124	BD Biosciences
CD4	BB515	RPAT4	555346	RRID:AB_395750	BD Biosciences
CD8	PE-Cy7	HIT8a	566858	RRID:AB_2738079	BD Biosciences
CD68	Alexa Fluor647	Y1/82A	562111	RRID:AB_11154565	BD Biosciences
CD163	BV421	MAC2-158	568204	RRID:AB_2738328	BD Biosciences

All antibodies were purchased from BD Biosciences (San Jose, CA, USA), except CD20 (BioLegend, San Diego, CA, USA). Research Resource Identifiers (RRIDs) are provided for all antibodies to ensure reproducibility.