

Supplementary Table S1: Antibodies used for flow cytometric analysis of PBMCs

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Fluorochrome	Antigen	Clone	Company
BrilliantViolet650	CD3	UCHT1	Biolegend
ECD	CD56	N901	Beckman Coulter
BrilliantViolet785	CD4	Okt4	Biolegend
APC-AlexaFluor700	CD8	B9.11	Beckman Coulter
BrilliantViolet650	CD27	O323	Biolegend
FITC	CD45RA	ALB11	Beckman Coulter
PC	CD196	B-R35	Beckman Coulter
PC5.5	CD194	L291H4	Biolegend
FITC	CD183	G025H7	Biolegend
KO525	CD146	TEA 1/34	Beckman Coulter
APC	CXCR5	J252D4	Biolegend
PE	PD-1	EH12.2H7	Biolegend
BrilliantViolet780	CD161	HP-3G10	Biolegend
PE	IL-23R	HLT2736	Biolegend
PC5.5	CD31	WM59	Biolegend
PE	FoxP3	206D	Biolegend
APC-A700	CD127	R34.34	Beckman Coulter
Violet660	CD25	BC96	Biolegend
APC	CD226/DNAM-1	11A8	Biolegend
PE	CD39	REA739	Miltenyi
Alexa Fluor 700	CD14	M5E2	Biolegend
APC-AlexaFluor700	CD19	J3-119	Beckman Coulter
FITC	CD1c	L161	Biolegend
PE	CD69	FN50	Biolegend
BrilliantViolet510	HLA-DR	L243	Biolegend
FITC	IgD	IA6-2	Biolegend
KO525	IgM	MHM-88	Biolegend
PC5.5	CD38	LS198-4-3	Beckman Coulter
PB450	CD21	B-ly4	BD Biosciences
ECD	CD24	ALB9	Beckman Coulter
BrilliantViolet780	CD11c	3.9	Biolegend
PE	IgG4	QA16A15	Biolegend

APC	IgG1	QA16A12	Biolegend
BrilliantViolet660	CD80	2D10	Biolegend
FITC	CX3CR1	2A9-1	Biolegend
FITC	CD223/LAG3	7H2C65	Biolegend
APC	TIM3	A18087E	Biolegend
APC	CD253	RIK-2	Biolegend
C=385	CD18	TS1/18	Biolegend
FITC	Perforin	dG9	Biolegend
PECy7	Granzyme A	GzA-3G8.5	BD Biosciences
PE	Granzyme B	REA226	Miltenyi
FITC	Granzyme K	GM6C3	SantaCruz
eFluor660	Granzyme M	4B2G4	Biosciences
PE	CD34	581	Biolegend
PerCP	NKp46 PC5.5-A	9E2	Biolegend
KO525	CD117	95C3	Beckman Coulter
BrilliantViolet780	CD62L	DREG-56	Biolegend
FITC	KIR	HP-MA4	Biolegend
PE	CD57	HCD57	Biolegend
PE	NKG2C	S19005E	Biolegend
Biotin	CD337 / NKp3	AF29-4D12	Milteny
FITC	IFN- γ	4S.B3	Biolegend
FITC	CD223/LAG3	7H2C65	Biolegend
FITC	CD107a	H4A3	BD Biosciences
FITC	Perforin	dG9	Biolegend
PE	CD57	HCD57	Biolegend
PE	MCP-1/CCL2	2H5	Biolegend
PE	TNF α	MAb11	Biolegend
PE	Granzyme B	REA226	Miltenyi
ECD	CD56	N901	Beckman Coulter
ECD	CD16	3G8	Beckman Coulter
PE-Cy5.5	CD3	UCHT1	Beckman Coulter
PerCP-Cy5.5	CD45RO	UCHL1	Biolegend
PerCP-Cy5.5	IL-6	MQ2-13A5	Biolegend

PerCP-Cy5.5	KLRG1	SA231A2	Biolegend
PE-Cy7	CX3CR1	2A9-1	Biolegend
PE-Cy7	CTLA-4/CD152	BNI3	Biolegend
APC	CD4	13B8.2	Beckman Coulter
APC-Cy7	CD8	HIT8a	Biolegend
PacificBlue	CD8	B9.11	Beckman Coulter
BrilliantViolet510	CD4	OKT4	Biolegend
BrilliantViolet510	HLA-DR	L243	Biolegend
BrilliantViolet510	CD57	QA17A04	Biolegend

Supplementary Table S2: Flow cytometric panels used for PBMC analysis

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Panel	Antigens
Basic panel (Figure 2)	CD3, CD4, CD8, CD19, CD20, CD56, live/dead marker
CD8 T cell panel 1 (Figure 3)	CD3, CD4, CD8, CD27, CD45ro, CD56, CD226, CD57, CD28, live/dead marker
CD8 T cell panel 2 (Figure 4A, 4B, 4C)	CD3, CD4, CD8, CD27, CD45ro, CD56, PD-1, TIM3, LAG3, CD18, live/dead marker
CD8 T cell panel 3 (Figure 4D, 4E)	CD3, CD4, CD8, CD27, CD45ro, GM-CSF, IL-17A, IL-22, IL-4, IFN- γ , TNF- α , live/dead marker
CD4 T cell panel (Figure 5)	CD3, CD4, CD8, CD27, CD45ro, GM-CSF, IL-17A, IL-22, IL-4, IFN- γ , TNF- α , live/dead marker
B cell panel (Figure 6)	CD19, CD20, IgM, IgD, IgG1, IgG4, CD21, CD24, CD27, CD38, CD80, live/dead marker
T helper cell panel (Suppl. Fig. 1)	CD3, CD4, CD8, CD146, CCR4, CCR6, CXCR3, ICOS, PD-1, live/dead marker