

Supplementary Table 2. Flow cytometry panel for assessment of immune cell populations in nasal brushings, bronchial brushings, and bronchoalveolar lavage (BAL).

Antibody	Fluorophore	Volume in μL (2X in 100μL)	Supplier	Clone
CD16	BUV395	0.5	Becton Dickinson	3G8
SIGLEC8	BUV661	1	Becton Dickinson	837535
CD56	BUV737	2	Becton Dickinson	NCAM16.2
CD11b	BUV805	2	Becton Dickinson	D12
CD206	BV421	1	Becton Dickinson	19.2
HLADR	V500	1	Becton Dickinson	G46-6
CD19	BV605	2	Becton Dickinson	SJ25C1
CD8	BV650	1	Becton Dickinson	RPA-T8
CD45	BV711	2	Becton Dickinson	HI30
CD14	BV786	4	Becton Dickinson	M5E2
EPCAM	BB515	1	Becton Dickinson	EBA-1
CD3	FITC	2	Becton Dickinson	SK7
CD66b	PE	0.5	Becton Dickinson	G10F5
CD15	PE-CF594	1	Becton Dickinson	W6D3
CD11c	PE-Cy7	2	Becton Dickinson	B-ly6
CD4	A700	2	Becton Dickinson	RPA-T4
Live/Dead	NIR	N/A	Invitrogen (Thermo Fisher Scientific)	N/A

Supplementary Table 3A. Flow cytometry panel for assessment of immune cell populations in tonsils, adenoids, and whole blood – chemokines and receptors.

Antibody	Fluorophore	Volume in μL (3X in 100 μL)	Supplier	Clone
CCR4	BUV661	3	Becton Dickinson	1G1
CCR7	BV421	6	BioLegend	G043H7
CXCR5	BV750	6	Becton Dickinson	RF8B2
CXCR3	PE-Cy7	0.75	BioLegend	G025H7

Supplementary Table 3B. Flow cytometry panel for assessment of immune cell populations in tonsils, adenoids, and whole blood – all other antibodies.

Antibody	Fluorophore	Volume in μL (3X in 100 μL)	Supplier	Clone
CD45RA	BUV395	1.5	Becton Dickinson	5H9
CD16	BUV496	0.75	Becton Dickinson	3G8
CD206	BUV563	1.5	Becton Dickinson	19.2
CD56	BUV737	1.5	Becton Dickinson	NCAM16.2
CD8	BUV805	0.75	Becton Dickinson	SK1
CD123	superbright 436	3	Invitrogen (Thermo Fisher Scientific)	6H6
CD11c	eFluor 450	1.5	Invitrogen (Thermo Fisher Scientific)	3.9
IgD	BV480	0.75	Becton Dickinson	IA6-2
CD3	BV510	1.5	BioLegend	SK7
CD20	Pacific orange	1.5	Invitrogen (Thermo Fisher Scientific)	HI47
IgG	BV605	6	Becton Dickinson	G18-145
HLADR	BV650	0.75	Becton Dickinson	G46-6
PD-1	BV785	1.5	BioLegend	EH12.2H7
CD141	BB515	1.5	Becton Dickinson	1A4
CD69	FITC	3	BioLegend	FN50
CD14	Spark Blue 550	1.5	BioLegend	63D3
CD45	PerCP	3	BioLegend	14C2A07
CD4	cFluor YG584	1.5	Cytek Biosciences	SK3
CD15	PE-CF594	1.5	Becton Dickinson	W6D3
CD24	PE-Alexa Fluor 610	3	Invitrogen (Thermo Fisher Scientific)	SN3
CD25	PE-Alexa Fluor 700	3	Invitrogen (Thermo Fisher Scientific)	CD25-3G10
CD1c	AF647	12	BioLegend	L161
CD19	Spark NIR 685	3	BioLegend	HIB19
CD127	APC-R700	3	Becton Dickinson	HIL-7R-M21
CD27	APC-H7	6	Becton Dickinson	M-T271
CD38	APC-Fire 810	0.75	BioLegend	HB-7
Live/dead	UV Blue	N/A	Invitrogen (Thermo Fisher Scientific)	N/A