



FIG E1. Gating strategy for flow cytometry analysis of intestinal mast cells. After lamina propria cells were isolated from small intestine of OVA challenged mice, 5×10^5 to 10^6 cells were stained with the panel of antibodies listed in Table E1, acquired on a BD Fortessa device, and analyzed by FlowJo software to identify mast cells as live, CD45⁺, lineage negative, IgE high, and cKit⁺.

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TABLE E1. Antibodies used for flow cytometry

Antibody	Clone	Vendor	Catalog
FITC anti-mouse CD45R/B220	RA3-6B2	BioLegend	103206
FITC anti-mouse/human CD11b	M1/70	BioLegend	101206
FITC anti-mouse CD11c	N418	BioLegend	117306
FITC anti-mouse Ly-6G/Ly-6C(Gr-1)	RB6-8C5	BioLegend	108406
PE anti-mouse IgE	RME-1	BioLegend	406908
PE-Cy7 anti-mouse CD107a (LAMP1)	1D4B	BioLegend	121619
PerCP/Cy5.5 anti-mouse CD8b	YTS156.7.7	eBioscience; Thermo Fisher Scientific	46-7133-82
Alexa Fluor 647 anti-mouse IL17RB	9B10	BioLegend	146304
Alexa Fluor 700 anti-mouse CD45.2	104	BioLegend	109822
APC/Fire 750 anti-mouse CD117 (c-kit)	2B8	BioLegend	105838
Rat anti-mouse T1/ST2—biotinylated	DJ8	MD Bioproducts, St Paul, Minn	101001B
BD Horizon Bv421 streptavidin	—	BD Biosciences	563259
BD Horizon V500 anti-mouse CD4	RM4-5	BD Biosciences	560782
BD OptiBuild BUV737 anti-mouse CD3	17A2	BD Biosciences	741788
Brilliant violet 711 anti-mouse integrin b7	FIB504	BioLegend	321239
Brilliant violet 785 anti-mouse CD90.2	30-H12	BioLegend	105331

FITC, Fluorescein isothiocyanate; *PE*, phycoerythrin.

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