

For Research Use Only

Anti-Mouse FcεR1α Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98289-1-PBS



Basic Information

Catalog Number: 98289-1-PBS	GenBank Accession Number: NM_010184.2	Purification Method: Protein A purification
Size: 1mg, 2 mg/ml	GeneID (NCBI): 14125	CloneNo.: 242008G6
Source: Rabbit	UNIPROT ID: P20489	
Isotype: IgG	Full Name: Fc receptor, IgE, high affinity I, alpha polypeptide	
	Calculated MW: 29 kDa	

Applications

Tested Applications:
FC

Species Specificity:
mouse

Background Information

Fc epsilon Receptor I alpha (FcεR1α) is a single-pass type I membrane protein that contains 2 immunoglobulin-like domains. FcεR1α forms a tetrameric complex, FcεRI, with one beta and two gamma subunits (PMID: 19406478). FcεRI is the high-affinity receptor for the Fc region of immunoglobulin E (IgE) (PMID: 1532373). It is expressed on mast cells and basophils and plays a central role in the allergic response (PMID: 2148316).

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

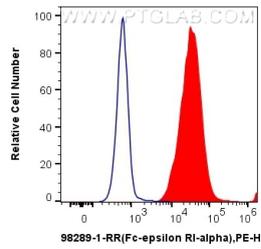
For technical support and original validation data for this product please contact:

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Selected Validation Data



1x10⁶ MC/9 cells were surface stained with 0.25 ug Anti-Mouse Fc-epsilon RI-alpha (FcεRI) Rabbit RecAb (98289-1-RR, Clone: 242008G6) (red) or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed. This data was developed using the same antibody clone with 98289-1-PBS in a different storage buffer formulation.