

For Research Use Only

PE Anti-Mouse FcεR1 (MAR-1)

Catalog Number: PE-65091



Basic Information

Catalog Number: PE-65091	GenBank Accession Number: BC125455	Purification Method: Affinity purification
Size: 100ug, 0.2 mg/ml	GeneID (NCBI): 14125	CloneNo.: MAR-1
Source: Armenian Hamster	UNIPROT ID: P20489	Excitation/Emission maxima wavelengths: 496 nm, 565 nm / 578 nm
Isotype: IgG	Full Name: Fc receptor, IgE, high affinity I, alpha polypeptide	

Applications

Tested Applications:
FC

Species Specificity:
Mouse

Background Information

Fc epsilon Receptor I alpha (FceRIa) is a single-pass type I membrane protein which contains 2 immunoglobulin-like domains. FceRIa forms a tetrameric complex 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 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
Phosphate based buffer with 0.09% sodium azide and 0.1% gelatin, pH 7.2.

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

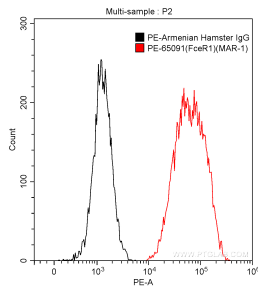
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ MC/9 cells were surface stained with 0.13 ug PE Anti-Mouse FceR1 (PE-65091, Clone: MAR-1) (red) or 0.13 ug isotype control antibody (black). Cells were not fixed.