For Research Use Only

Anti-Mouse FceR1 (MAR-1)

Catalog Number:65091-1-Ig

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
65091-1-Ig

Size:
100ug , 500 µg/ml

Source:
Armenian Hamster

Isotype:
Armenian Hamster IgG

GenBank Accession Number:
BC125455

GeneID (NCBI):
14125

Full Name:
Fc receptor, IgE, high affinity I, alpha polypeptide

Purification Method:
Affinity purification

CloneNo.:
MAR-1

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). FceRI 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).

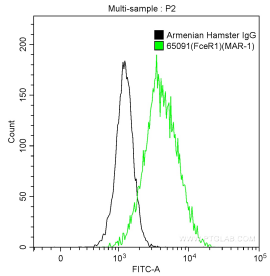
Storage

Storage:
Store at 2-8°C.
Storage Buffer:
PBS with 0.1% sodium azide, pH 7.3.

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



1X10^6 MC/9 cells were surface stained with 0.25 ug Anti-Mouse FceR1 (65091-1-Ig, Clone: MAR-1) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (green), or stained with 0.25 ug Armenian Hamster IgG isotype control and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (black). Cells were not fixed.