

For Research Use Only

FITC Plus Anti-Mouse FcεR1 (MAR-1)

Catalog Number: FITC-65091



Basic Information

Catalog Number: FITC-65091	GenBank Accession Number: BC125455	Purification Method: Affinity purification
Size: 100ug, 500 µg/ml	GeneID (NCBI): 14125	CloneNo.: MAR-1
Source: Armenian Hamster	Full Name: Fc receptor, IgE, high affinity I, alpha polypeptide	Excitation/Emission maxima wavelengths: 495 nm / 524 nm
Isotype: IgG		

Applications

Tested Applications:
FC

Species Specificity:
Mouse

Background Information

Fc epsilon Receptor I alpha (FcεR1a) is a single-pass type I membrane protein which contains 2 immunoglobulin-like domains. FcεR1a forms a tetrameric complex with one beta and two gamma subunits (PMID: 19406478). FcεR1 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

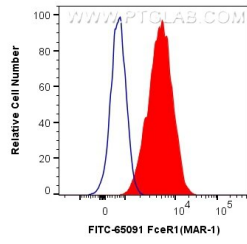
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide.

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



1X10⁶ MC/9 cells were surface stained with 0.5 ug FITC Plus Anti-Mouse FceR1 (FITC-65091, Clone:MAR-1) (red), or 0.5 ug Isotype Control. Cells were not fixed.