

For Research Use Only

# PE Anti-Mouse FcεR1 (MAR-1)

Catalog Number: PE-65091



## Basic Information

Catalog Number:

PE-65091

Size:

100ug, 0.2 mg/ml

Source:

Armenian Hamster

Isotype:

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 (FcεR1α) is a single-pass type I membrane protein which contains 2 immunoglobulin-like domains. FcεR1α 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.

Storage Buffer:

Phosphate based buffer with 0.09% sodium azide and 0.1% gelatin, pH 7.2.

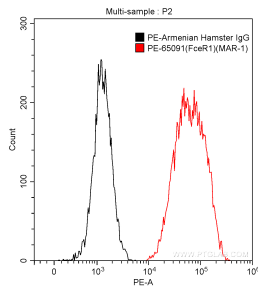
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

## Selected Validation Data



$1 \times 10^6$  MC/9 cells were surface stained with 0.13  $\mu$ g PE Anti-Mouse Fc $\epsilon$ R1 (PE-65091, Clone: MAR-1) (red) or 0.13  $\mu$ g isotype control antibody (black). Cells were not fixed.