

For Research Use Only

CoraLite® Plus 647 Anti-Mouse FcεR1α (MAR-1)

Catalog Number: CL647-65091



Basic Information

Catalog Number: CL647-65091	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: 654 nm / 674 nm
Isotype: IgG		

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

Storage Buffer:
PBS with 0.1% sodium azide and 0.5% BSA, pH 7.3.

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

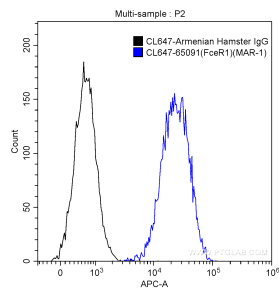
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ MC/9 cells were surface stained with 0.5 ug CoraLite® Plus 647 Anti-Mouse FcεR1 (CL647-65091, Clone: MAR-1) (blue) or CoraLite® Plus 647 Armenian Hamster IgG isotype control (black). Cells were not fixed.