

Fc epsilon R1 alpha antibody [MAR-1] (PE)

Cat. No. GTX01480-08

Host Armenian Hamster**Clonality** Monoclonal**Isotype** IgG**Applications** FCM**Reactivity** Mouse

References (3)

Package

100 µg

PRODUCT

Summary

The MAR-1 antibody reacts with the Fc epsilon Receptor I alpha chain (FcεR1α), a transmembrane protein member of the Ig superfamily. This chain, together with a beta chain and two gamma chains form a tetrameric complex that supports IgE-mediated signaling and subsequent release of chemical mediators of allergy and immediate hypersensitivity. FcεR1α is upregulated in the presence of IgE on those cell types which express it, such as Mast cells and Basophils. The MAR-1 antibody is widely used both in flow cytometry and for depletion of cells in vitro / in vivo.

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution

Recommended dilution

FCM

Assay dependent

Not tested in other applications.

Properties

Form Liquid**Buffer** 10mM NaH₂PO₄, 150mM NaCl, 0.1% Gelatin**Preservative** 0.09% Sodium azide**Storage** Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C. DO NOT FREEZE. Protect from light.**Concentration** 0.2 mg/ml (Please refer to the vial label for the specific concentration.)**Purification** Purified by affinity chromatography
From tissue culture supernatant**Conjugation** Phycoerythrin (PE) [Wavelength](#)

Note

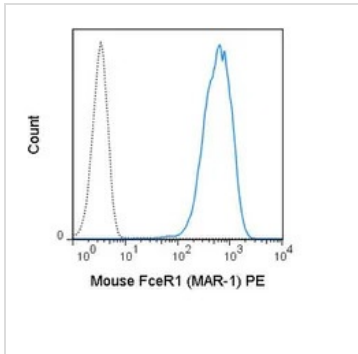
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DATA IMAGES

**GTX01480-08 FCM Image**

FACS analysis of MC/9 cells using GTX01480-08 Fc epsilon R1 alpha antibody [MAR-1] (PE).

Solid line : primary antibody

Dashed line : isotype control

antibody amount : 0.06 µg (5 µl)



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