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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Fc epsilon R1 alpha antibody [MAR-1]

Cat No. GTX01480

Host	Armenian Hamster
Clonality	Monoclonal
Isotype	IgG
Application	FACS, Activation, Depletion
Reactivity	Mouse

Reference (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.

APPLICATION

Application Note

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

Suggested dilution	Dilution
FACS	Assay dependent
Activation	Assay dependent
Depletion	Assay dependent

Not tested in other applications.

Calculated MW 30 kDa. ([Note](#))

PROPERTIES

Form	Liquid
Buffer	10 mM NaH ₂ PO ₄ (pH 7.2), 150 mM NaCl, 0.09% sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C.
Concentration	0.5 mg/ml (Please refer to the vial label for the specific concentration.)
Purification	Purified by affinity chromatography From tissue culture supernatant
Conjugation	Unconjugated
Note	For laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.



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