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HIGH PERFORMANCE ANTIBODIES ... AND MORE

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Fc epsilon Receptor I alpha Antibody [FceR1]

CATALOG NUMBER: 77-175

Specifications

SPECIES REACTIVITY:	Mouse
TESTED APPLICATIONS:	FACS, Func, IHC, IP
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
SPECIFICITY:	The MAR-1 antibody reacts with the Fc epsilon Receptor I alpha chain (FceRIa), a transmembrane protein member of the Ig superfamily.
HOST SPECIES:	Hamster

Properties

PURIFICATION:	The monoclonal antibody was purified utilizing affinity chromatography. The endotoxin level is determined by LAL test to be less than 0.01 EU/µg of the protein.
PHYSICAL STATE:	liquid
BUFFER:	Phosphate-buffered aqueous solution, ph7.2.
CONCENTRATION:	2 mg/mL
STORAGE CONDITIONS:	The product should be stored undiluted at 4˚C . Do not freeze.
CLONALITY:	Monoclonal
ISOTYPE:	Armenian Hamster IgG
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	FCE1A, FcER, FCER1A
OFFICIAL SYMBOL:	FCER1A
GENE ID:	2205

Background

BACKGROUND:	The MAR-1 antibody reacts with the Fc epsilon Receptor I alpha chain (FceRIa), 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. FceR1a 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.

FOR RESEARCH USE ONLY

December 13, 2016