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Fc epsilon Receptor I alpha Antibody [AER-37 (CRA1)] (FITC)

CATALOG NUMBER: 77-171

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	FACS
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
SPECIFICITY:	The AER-37 (CRA1) antibody binds to the FC epsilon receptor I alpha subunit (FceR1a), a 50 kDA transmembrane protein.
HOST SPECIES:	Mouse

Properties

PURIFICATION:	The monoclonal antibody was purified utilizing affinity chromatography and unreacted dye was removed from the product.
PHYSICAL STATE:	liquid
BUFFER:	Phosphate-buffered aqueous solution, ≤0.09% Sodium azide, may contain carrier protein/stabilizer, ph7.2.
CONCENTRATION:	5 uL (0.5 ug) / test
STORAGE CONDITIONS:	The product should be stored undiluted at 4˚C and should be protected from prolonged exposure to light. Do not freeze.
CLONALITY:	Monoclonal
ISOTYPE:	Mouse IgG2b, kappa
CONJUGATE:	FITC

Additional Info

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

Background

BACKGROUND:	The AER-37 (CRA1) antibody binds to the FC epsilon receptor I alpha subunit (FceR1a), a 50 kDA transmembrane protein. It is part of a tetrameric receptor complex composed from one alpha subunit, one beta subunit, and two gamma subunits. The FceR1a binds and is upregulated by the presence of IgE. It plays a role in prompting the allergic reactions mediated by IgE.

FOR RESEARCH USE ONLY

December 13, 2016