

Mouse IgE Monoclonal Antibody | anti-IgE antibody

MOUSE ANTI RAT IgE:FITC

CATALOG # AAA49074	HOST Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

IgE; Monoclonal Antibody; MOUSE ANTI RAT IgE:FITC; anti-IgE antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	MARE-1
Form/Format	Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid
Concentration	IgG concentration 1 mg/ml (varies by lot)
Sequence Length	429
Applicable Applications for anti-IgE antibody	FCM/FACS (Flow Cytometry)
Perservative Stabilisers	0.1% Sodium Azide 50% Glycerol
Preparation	Purified IgG prepared by affinity chromatography from tissue culture supernatant
Immunogen	Rat IgE myeloma proteins (IR162, IR1016, IR2 and IR410)
Fusion Partners	Spleen cells from an immunised BALB/c mouse were fused with cells of the mouse SP2/0 myeloma cell line.
Buffer Solution	Phosphate buffered saline
Target Species	Rat
Max Ex/Em	Fluorophore: FITC ; Excitation Max (nm): 490 ; Emission Max (nm): 525
Preparation and Storage	This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C. Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

ADDITIONAL INFORMATION

Related Product Information for anti-IgE antibody	Mouse anti Rat IgE antibody, clone MARE-1 recognizes rat epsilon heavy chain of immunoglobulin IgE and does not cross-react with other classes of rat immunoglobulin. Mouse anti Rat IgE antibody, clone MARE-1 binds to rat IgE with an avidity of 4x10 ⁹ M ⁻¹
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119513
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NCBI GeneID	299351
UniProt Accession #	P01855
NCBI Official Full Name	Ig epsilon chain C region, partial
NCBI Official Synonym Full Names	immunoglobulin heavy chain (epsilon polypeptide)
NCBI Official Symbol	Ighe
NCBI Official Synonym Symbols	IGH2
UniProt Protein Name	Ig epsilon chain C region
UniProt Entry Name	IGHE_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/ige-antibody-clone-mare-1-flow-cytometry-elisa/49074>