

Mouse IgE Monoclonal Antibody | anti-IgE antibody

MOUSE ANTI HUMAN IgE:HRP

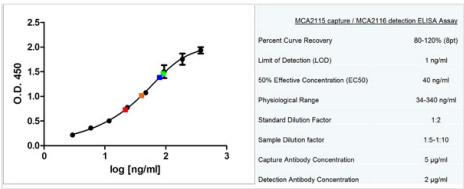
CATALOG # AAA49134	HOST Mouse	APPLICATIONS ELISA
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PRODUCT SYNONYMS

IgE; Monoclonal Antibody; MOUSE ANTI HUMAN IgE:HRP; anti-IgE antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1A2
Specificity	Mouse anti Human IgE antibody, clone 1A2 recognizes human IgE and no cross-reactivity to other human immunoglobulin classes or subclasses has been detected.
Form/Format	HRP Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Sequence Length	428
Applicable Applications for anti-IgE antibody	ELISA
Perservative Stabilisers	0.01% Thiomersal
Preparation	Purified IgG prepared by affinity chromatography on Protein A
Immunogen	Chimaeric human IgE
Buffer Solution	Phosphate buffered saline
Target Species	Human
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.



Application Data
Sandwich ELISA analysis of human IgE using Mouse anti Human IgE as a capture reagent and horseradish peroxidase conjugated Mouse anti Human IgE as a detection reagent with purified human IgE as antigen. Microtitre plate is read at O.D. 450 nm on the iMark Microplate Absorbance Reader . A serum sample at 1/10 (blue) and 1/5 (green) and a plasma sample at 1/10 (red) and 1/5 (orange) is shown

ADDITIONAL INFORMATION

Related Product Information for anti-IgE antibody	MBS211167 recognises human IgE and shows no cross-reactivity to other human immunoglobulin classes or subclasses.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119512
NCBI GeneID	3497
UniProt Accession #	P01854
NCBI Official Full Name	Ig epsilon chain C region, partial
NCBI Official Synonym Full Names	immunoglobulin heavy constant epsilon
NCBI Official Symbol	IGHE
NCBI Official Synonym Symbols	IgE
UniProt Protein Name	Ig epsilon chain C region
UniProt Gene Name	IGHE
UniProt Entry Name	IGHE_HUMAN

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.