

Mouse anti-Human IgE Antibody | anti-IgE antibody

Anti-Hu IgE Biotin

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA128438	Mouse	Human	ELISA

PRODUCT SYNONYMS

IgE; Anti-Hu IgE Biotin; Immunoglobulin E; anti-IgE antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Isotype	IgG1
Clone Number	BE5
Specificity	The antibody BE5 reacts with human IgE; it recognizes an epitope different from the ones recognized by 4G7 and 4H10 antibodies to IgE.
Purity/Purification	The purified antibody is conjugated with biotin-LC-NHS under optimum conditions. The reagent is free of unconjugated biotin.
Form/Format	Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	569
Applicable Applications for anti-IgE antibody	ELISA
Immunogen	Purified human IgE.
Conjugation	Biotin
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for anti-IgE antibody	Immunoglobulin E (IgE) is a 180 kDa soluble protein serving as an antigen-specific unit of mast cell effector mechanisms. IgE has the lowest serum concentration of all immunoglobulins (approximately 0.5 mg/l) in healthy individuals, but upon allergen challenge its concentration in blood increases dramatically. Although biological survival of free IgE is very short ($T_{1/2} = 2$ days), it is stabilized after binding to its high affinity receptor. Unlike IgM- IgG- and IgA-committed B cells, IgE-switched B cells do not undergo clonal expansion.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	22651682
NCBI Official Full Name	immunoglobulin epsilon chain

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.