



Rabbit Anti-FCER1A antibody

SL10698R

Product Name:	FCER1A
Chinese Name:	FC段IgE受体 α 多肽/Fc ϵ RI α 抗体
Alias:	FCER 1A; IgE Fc receptor alpha subunit; Fc epsilon RI alpha; Fc epsilon RI alpha chain; Fc fragment of IgE high affinity I receptor for alpha polypeptide; Fc IgE receptor alpha polypeptide; Fc of IgE high affinity I receptor for alpha polypeptide; Fc-epsilon RI-alpha; FCE 1A; FCE1A; FCER 1A; FCER1A; FCERA_HUMAN; FcERI; High affinity immunoglobulin epsilon receptor alpha subunit; High affinity immunoglobulin epsilon receptor subunit alpha; IgE Fc receptor alpha subunit; IgE Fc receptor subunit alpha; Immunoglobulin E receptor high affinity of mast cells alpha polypeptide; FCERA_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	27kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human FCER1A:31-130/257<Extracellular>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

PubMed:	PubMed
Product Detail:	<p>The immunoglobulin epsilon receptor (IgE receptor) is the initiator of the allergic response. When two or more high-affinity IgE receptors are brought together by allergen-bound IgE molecules, mediators such as histamine that are responsible for allergy symptoms are released. This receptor is comprised of an alpha subunit, a beta subunit, and two gamma subunits. The protein encoded by this gene represents the alpha subunit. [provided by RefSeq, Aug 2011]</p> <p>Function: Binds to the Fc region of immunoglobulins epsilon. High affinity receptor. Responsible for initiating the allergic response. Binding of allergen to receptor-bound IgE leads to cell activation and the release of mediators (such as histamine) responsible for the manifestations of allergy. The same receptor also induces the secretion of important lymphokines.</p> <p>Subcellular Location: Cell membrane; Single-pass type I membrane protein.</p> <p>Similarity: Contains 2 Ig-like (immunoglobulin-like) domains.</p> <p>SWISS: P12319</p> <p>Gene ID: 2205</p> <p>Database links: Entrez Gene: 2205Human Omim: 147140Human SwissProt: P12319Human Unigene: 897Human</p> <p>Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.</p>