

Rabbit IgE Polyclonal Antibody | anti-IgE antibody

IgE/FITC, Rpab

CATALOG # AAA59331	HOST Rabbit	APPLICATIONS Immunohistochemistry
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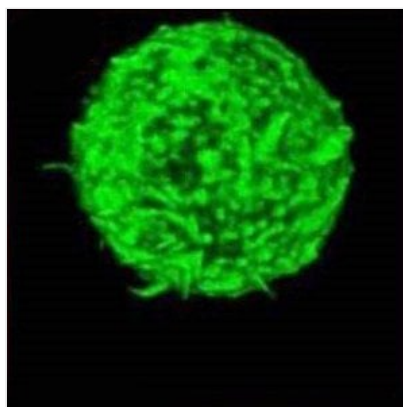
PRODUCT SYNONYMS

IgE; Polyclonal Antibody; IgE/FITC; Rpab; anti-IgE antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Form/Format	Concentrate or Prediluted
Sequence Length	569
Applicable Applications for anti-IgE antibody	IHC (Immunohistochemistry)
Immunogen	Purified IgE epsilon-Heavy Chain isolated from a pool of normal human sera.
Localization	Cytoplasmic
Preparation and Storage	Store at 2-8 degree C in the dark.

IMAGES



IF (Immunofluorescence)
IF of IgE

Antibody Type	Dilution	Volume/QTY
Prediluted	Ready-To-Use	3.0 ml
Prediluted	Ready-To-Use	7.0 ml
Prediluted	Ready-To-Use	15.0 ml
Concentrated	1:25-1:100	0.5 ml
Concentrated	1:25-1:100	1.0 ml
Control Slides		5

Dilution Info

ADDITIONAL INFORMATION

Related Product Information for anti-IgE antibody	IgE, Immunoglobulin E, is an isotype of antibody only found in mammals. IgE is synthesized by plasma cells. Monomers of IgE consist of two heavy chains (epsilon chain) and two light chains, with the epsilon chain containing 4 Ig-like constant domains (Cepsilon1-Cepsilon4). IgE's main function is immunity to parasites such as helminths like Schistosoma mansoni, Trichinella spiralis, and Fasciola hepatica. IgE is utilized during immune defense against certain protozoan parasites such as Plasmodium falciparum. IgE also has an essential role in type I hypersensitivity, which manifests in various allergic diseases, such as allergic asthma, most types of sinusitis, allergic rhinitis, food allergies, and specific types of chronic urticaria and atopic dermatitis. IgE also plays a pivotal role in responses to allergens, such as: anaphylactic drugs, bee stings, and antigen preparations used in desensitization immunotherapy. IgE is known to be elevated in various autoimmune disorders such as Lupus (SLE), Rheumatoid Arthritis (RA) & psoriasis, and is theorized to be of pathogenetic importance in RA and SLE by eliciting a hypersensitivity reaction.
Product Categories/Family for anti-IgE antibody	Direct Immunofluorescence Antibodies

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ige-antibody-immunohistochemistry-elisa/59331>