

RecomAb™

Human IgE monoclonal antibody, clone RM122 (Biotin)

Catalog # MAB14955 Size 50 ug

Applications

Enzyme-linked Immunoabsorbent Assay

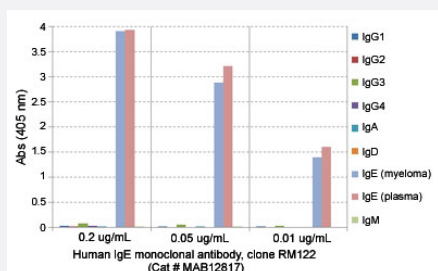
A titer ELISA using Human IgE monoclonal antibody, clone RM122 (Biotin) (Cat# MAB14955). The plate was coated with different amounts of human IgE. A serial dilution of Cat# MAB14955 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.

Enzyme-linked Immunoabsorbent Assay

ELISA analysis of Human IgE monoclonal antibody, clone RM122 (Cat # MAB12817) at the following concentrations: 0.2 ug/mL, 0.05 ug/mL, 0.01 ug/mL. The plate was coated with 50 ng/well of different immunoglobulins and the result shows this antibody reacts to human IgE lambda; no cross reactivity human IgG, IgM, IgA, or IgD. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.

Enzyme-linked Immunoabsorbent Assay

Sandwich ELISA using RM122 as the capture antibody (25ng/well), and Human Ig light chain monoclonal antibody, clone RM129 (Biotin) (Cat# MAB12811) as the detection antibody, followed by an alkaline phosphatase conjugated streptavidin.



Specification

Product Description

Rabbit recombinant monoclonal antibody raised against human IgE.

Antibody Species	Rabbit
Immunogen	Original antibody is raised against human IgE.
Sequence	N/A
Reactivity	Human
Form	Liquid
Conjugation	Biotin
Purification	Protein A purification
Isotype	IgG
Recommend Usage	ELISA (0.01-0.1 ug/well for capture, 0.01-0.1 ug/mL for detection) Flow Cytometry Immunocytochemistry (0.5-2 ug/mL) Immunohistochemistry (0.5-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (50% glycerol, 1% BSA, 0.09% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry

- Immunocytochemistry

- Enzyme-linked Immunoabsorbent Assay

A titer ELISA using Human IgE monoclonal antibody, clone RM122 (Biotin) (Cat# MAB14955). The plate was coated with different amounts of human IgE. A serial dilution of Cat# MAB14955 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of Human IgE monoclonal antibody, clone RM122 (Cat # MAB12817) at the following concentrations: 0.2 ug/mL, 0.05 ug/mL, 0.01 ug/mL. The plate was coated with 50 ng/well of different immunoglobulins and the result shows this antibody reacts to human IgE lambda; no cross reactivity human IgG, IgM, IgA, or IgD. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.

- Enzyme-linked Immunoabsorbent Assay

Sandwich ELISA using RM122 as the capture antibody (25ng/well), and Human Ig light chain monoclonal antibody, clone RM129 (Biotin) (Cat# MAB12811) as the detection antibody, followed by an alkaline phosphatase conjugated streptavidin.

- Flow Cytometry

Gene Info — IGHE

Entrez GeneID	3497
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Protein Accession#	P01854
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Gene Name	IGHE
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Gene Alias	IgE
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Gene Description	immunoglobulin heavy constant epsilon
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Omim ID	147180
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Gene Ontology	Hyperlink
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Other Designations	-
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