

RecomAb™

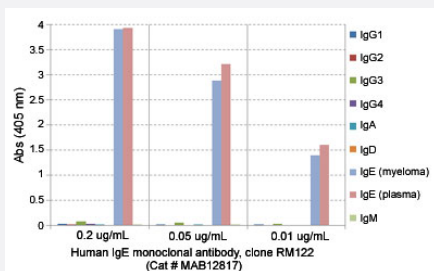
# Human IgE monoclonal antibody, clone RM122

Catalog # MAB12817      Size 100 ug

## Applications

### Enzyme-linked Immunoabsorbent Assay

A titer ELISA using Human IgE monoclonal antibody, clone RM122 (Cat# MAB12817). The plate was coated with different amounts of human IgE. A serial dilution of Cat# MAB12817 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 Human IgE monoclonal antibody, clone RM122 (Cat# MAB12817) 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.

<b>Antibody Species</b>	Rabbit
<b>Immunogen</b>	Original antibody is raised against human IgD.
<b>Sequence</b>	N/A
<b>Reactivity</b>	Human
<b>Specificity</b>	This antibody reacts to human IgE. No cross reactivity with human IgG, IgM, IgD, or IgA.
<b>Form</b>	Liquid
<b>Purification</b>	Protein A affinity purification
<b>Isotype</b>	IgG
<b>Recommend Usage</b>	ELISA (0.01-0.1 ug/mL for detection; 0.01-0.1 ug/well for capture) 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.
<b>Storage Buffer</b>	In PBS (50% glycerol, 1% BSA, 0.09% sodium azide)
<b>Storage Instruction</b>	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	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

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- Flow Cytometry

## Gene Info — IGHE

Entrez GeneID	<a href="#">3497</a>
Protein Accession#	<a href="#">P01854</a>
Gene Name	IGHE
Gene Alias	IgE
Gene Description	immunoglobulin heavy constant epsilon
Omim ID	<a href="#">147180</a>
Gene Ontology	<a href="#">Hyperlink</a>
Other Designations	-