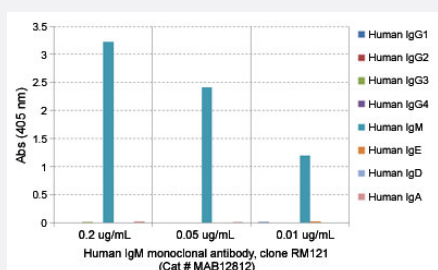


RecomAb™

# Human IgM monoclonal antibody, clone RM121

Catalog # MAB12812      Size 100 ug

## Applications



### Enzyme-linked Immunoabsorbent Assay

ELISA analysis of Human IgM monoclonal antibody, clone RM121 (Cat # MAB12812) 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 IgM; no cross reactivity human IgG, IgE, IgD, or IgA. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.

### Enzyme-linked Immunoabsorbent Assay

Sandwich ELISA using Human IgM monoclonal antibody, clone RM121 (Cat# MAB12812) as the capture antibody (100ng/well), and Human Ig light chain monoclonal antibody, clone RM129 (Biotin) (Cat# MAB12811) as the detection antibody, followed by an alkaline phosphatase conjugated streptavidin.

### Enzyme-linked Immunoabsorbent Assay

A titer ELISA using Human IgM monoclonal antibody, clone RM121 (Cat# MAB12812). The plate was coated with different amounts of human IgM. A serial dilution of Cat# MAB12812 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.

## Enzyme-linked Immunoabsorbent Assay

Sandwich ELISA using Human IgM monoclonal antibody, clone RM121 (Cat# MAB12812) as the capture antibody (100ng/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

<b>Product Description</b>	Rabbit recombinant monoclonal antibody raised against human IgM.
<b>Antibody Species</b>	Rabbit
<b>Immunogen</b>	Original antibody is raised against human IgM.
<b>Sequence</b>	N/A
<b>Reactivity</b>	Human
<b>Specificity</b>	This antibody reacts to the heavy chain of human IgM. No cross reactivity with human IgG, IgA, IgD, or IgE.
<b>Form</b>	Liquid
<b>Purification</b>	Protein A affinity purification
<b>Isotype</b>	IgG
<b>Recommend Usage</b>	ELISA (0.05-0.2 ug/mL for detection; 0.05-0.2 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 — IGHM

Entrez GeneID [3507](#)

Protein Accession# [P01871](#)

Gene Name IGHM

Gene Alias DKFZp686I15196, DKFZp686I15212, FLJ00385, MGC104996, MGC52291, MU, VH

Gene Description immunoglobulin heavy constant mu

Omim ID [147020 601495](#)

Gene Ontology

[Hyperlink](#)

Other Designations

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## Disease

- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)