

RecomAb™

Human IgM monoclonal antibody, clone RM121

Catalog # MAB12812 Size 100 ug

Applications

Enzyme-linked Immunoabsorbent Assay

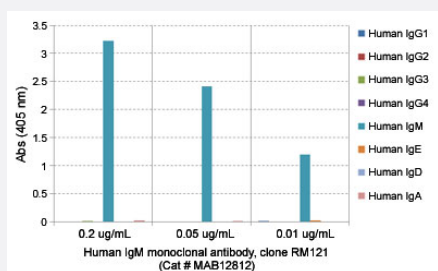
A titer ELISA using Human IgM monoclonal antibody, clone RM121 (Cat# MAB12812). The plate was coated with different amounts of human IgM. A serial dilution of Cat# MAB12812 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.

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.

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.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human IgM.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against human IgM.
Sequence	N/A
Reactivity	Human
Specificity	This antibody reacts to the heavy chain of human IgM. No cross reactivity with human IgG, IgA, IgD, or IgE.
Form	Liquid
Purification	Protein A affinity purification
Isotype	IgG
Recommend Usage	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.
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

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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](#)