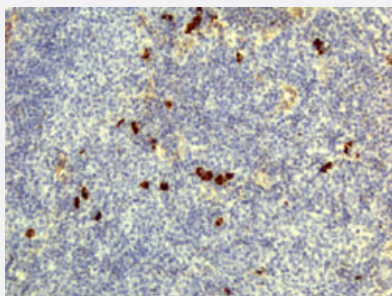


RecomAb™

Human IgD monoclonal antibody, clone RM123

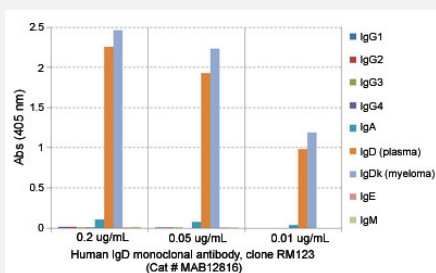
Catalog # MAB12816 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human lymphoid tissue with Human IgD monoclonal antibody, clone RM123 (Cat # MAB12816) under 1 ug/mL working concentration.



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of Human IgD monoclonal antibody, clone RM123 (Cat # MAB12816) 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 IgD kappa; no cross reactivity human IgG, IgM, IgA, or IgE. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.

Enzyme-linked Immunoabsorbent Assay

A titer ELISA using Human IgD monoclonal antibody, clone RM123 (Cat# MAB12816). The plate was coated with different amounts of human IgD (from plasma). A serial dilution of Cat# MAB12816 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 IgD monoclonal antibody, clone RM123 (Cat# MAB12816) 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 IgD.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against human IgD.
Sequence	N/A
Reactivity	Human
Specificity	This antibody reacts to human IgD. No cross reactivity with human IgG, IgM, IgE, or IgA.
Form	Liquid
Purification	Protein A affinity purification
Isotype	IgG
Recommend Usage	ELISA (0.01-0.1 ug/mL for detection; 0.025-0.2 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 (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human lymphoid tissue with Human IgD monoclonal antibody, clone RM123 (Cat # MAB12816) under 1 ug/mL working concentration.

- Immunocytochemistry

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of Human IgD monoclonal antibody, clone RM123 (Cat # MAB12816) 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 IgD kappa; no cross reactivity human IgG, IgM, IgA, or IgE. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.

- Enzyme-linked Immunoabsorbent Assay

A titer ELISA using Human IgD monoclonal antibody, clone RM123 (Cat# MAB12816). The plate was coated with different amounts of human IgD (from plasma). A serial dilution of Cat# MAB12816 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 IgD monoclonal antibody, clone RM123 (Cat# MAB12816) 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.

- Flow Cytometry

Gene Info — IGHD

Entrez GeneID [3495](#)

Protein Accession# [P01880](#)

Gene Name IGHD

Gene Alias FLJ00382, FLJ46727, MGC29633

Gene Description immunoglobulin heavy constant delta

Omim ID [147170](#)

Gene Ontology [Hyperlink](#)

Other Designations -