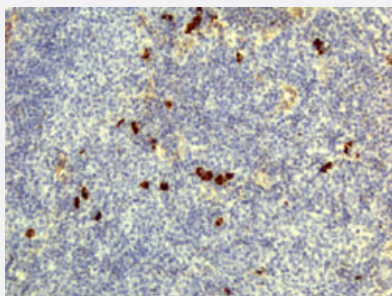


RecomAb™

## Human IgD monoclonal antibody, clone RM123 (Biotin)

Catalog # MAB14954      Size 50 ug

### Applications



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

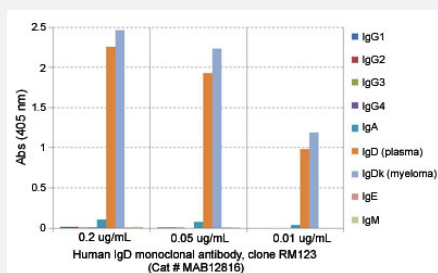
Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human lymphoid tissue with Human IgD monoclonal antibody, clone RM123 (Biotin) (Cat # MAB14954).

#### 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

Sandwich ELISA using Human IgD monoclonal antibody, clone RM123 (Biotin) (Cat# MAB14954) 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 IgD monoclonal antibody, clone RM123 (Biotin) (Cat# MAB14954). The plate was coated with different amounts of human IgD (from plasma). A serial dilution of Cat# MAB14954 was used as the primary antibody. An alkaline phosphatase conjugated anti- rabbit IgG as the secondary antibody.

### Specification

<b>Product Description</b>	Rabbit recombinant monoclonal antibody raised against human IgD.
<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>Form</b>	Liquid
<b>Conjugation</b>	Biotin
<b>Purification</b>	Protein A purification
<b>Isotype</b>	IgG
<b>Recommend Usage</b>	ELISA (0.025-0.2 ug/well for capture, 0.01-0.1 ug/mL for detection) Flow Cytometry Immunocytochemistry (0.5-2 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (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 (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human lymphoid tissue with Human IgD monoclonal antibody, clone RM123 (Biotin) (Cat # MAB14954).

- 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

Sandwich ELISA using Human IgD monoclonal antibody, clone RM123 (Biotin) (Cat# MAB14954) 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 IgD monoclonal antibody, clone RM123 (Biotin) (Cat# MAB14954). The plate was coated with different amounts of human IgD (from plasma). A serial dilution of Cat# MAB14954 was used as the primary antibody. An alkaline phosphatase conjugated anti- rabbit IgG as the secondary antibody.

- Flow Cytometry

## Gene Info — IGHD

Entrez GeneID	<a href="#">3495</a>
Protein Accession#	<a href="#">P01880</a>
Gene Name	IGHD
Gene Alias	FLJ00382, FLJ46727, MGC29633
Gene Description	immunoglobulin heavy constant delta
Omim ID	<a href="#">147170</a>
Gene Ontology	<a href="#">Hyperlink</a>
Other Designations	-