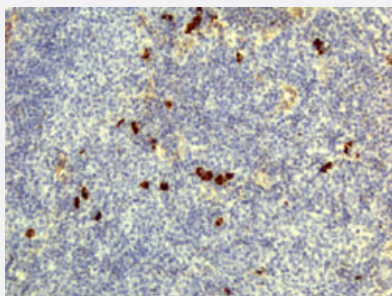


RecomAb™

Human IgD monoclonal antibody, clone RM123

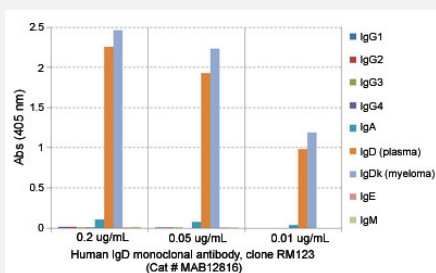
Catalog # MAB12816 Size 100 ug

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 | - |