

## Anti-Human IgD IGHD Rabbit Monoclonal Antibody, Clone#RM123

Catalog Number: M05183-1

### Overview

Product Name	Anti-Human IgD IGHD Rabbit Monoclonal Antibody, Clone#RM123
Reactive Species	Human
Description	Boster Bio Anti-Human IgD IGHD Rabbit Monoclonal Antibody, Clone#RM123 (Catalog # M05183-1). Tested in ELISA applications. This antibody reacts with Human.
Application	ELISA
Clonality	Monoclonal RM123
Formulation	50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
Storage Instructions	Store at -20°C for one year. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P01880

### Technical Details

Immunogen	Human IgD
Cross Reactivity	This antibody reacts to human IgD. No cross-reactivity with human IgG, IgM, IgA, or IgE.
Isotype	Rabbit IgG
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A affinity purified from an animal origin-free culture supernatant
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>ELISA: 25ng/well – 200ng/well (for Capture)</p> <p>0.01ug/mL – 0.1ug/mL (for Detection)</p>

## Anti-Human IgD IGHD Rabbit Monoclonal Antibody, Clone#RM123 (M05183-1) Images

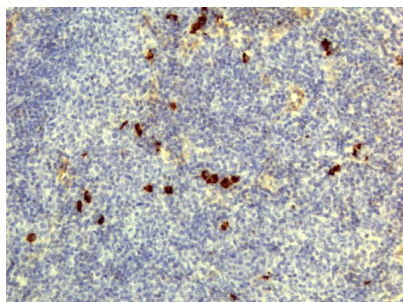


Figure 1. IHC result  
Immunohistochemistry of human lymphoid tissue using anti-human IgD antibody RM123

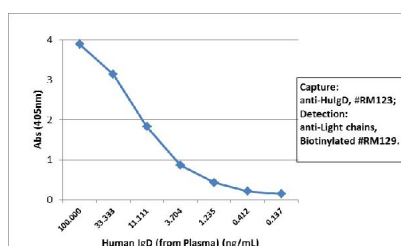


Figure 2. ELISA result showing specificity  
Sandwich ELISA using RM123 as the capture antibody (100ng/well), and Biotinylated anti-human light chains (+) antibody RM129 as the detection antibody, followed by an alkaline phosphatase conjugated streptavidin.

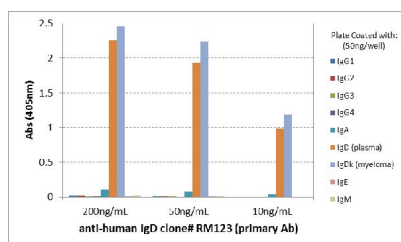


Figure 3. ELISA result showing specificity  
ELISA of human immunoglobulins shows RM123 reacted to the IgD from human plasma and the IgD from human myeloma. No cross reactivity with human IgG, IgM, IgA, or IgE. The plate was coated with 50 ng/well of different immunoglobulins. 200 ng/mL, 50ng/mL, or 10 ng/mL of RM123 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.

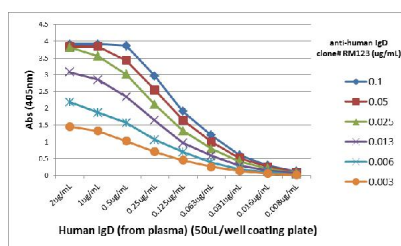


Figure 4. ELISA result showing specificity  
A titer ELISA using RM123. The plate was coated with different amounts of human IgD (from plasma). A serial dilution of RM123 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.

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