

10-9525: Recombinant Rabbit Monoclonal Antibody to Human IgD (Clone: RM123)(Discontinued)

Clonality :	Monoclonal
Clone Name :	RM123
Application :	ICC,IHC,FACS,ELISA
Reactivity :	Human
Gene :	IGHD
Gene ID :	3495
Uniprot ID :	P01880
Format :	Purified
Alternative Name :	IGHD
Isotype :	Rabbit IgG
Immunogen Information :	Human IgD

Product Info

Amount :	100 µg
Purification :	Protein A affinity purified from an animal origin-free culture supernatant
Content :	1 mg/ml in 50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
Storage condition :	Store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Clone RM123 reacts to human IgD. No cross reactivity with human IgG, IgM, IgE, or IgA. ELISA: 25ng/well \sim 200ng/well (for Capture); 0.01 \sim 0.1 μ g/ml (for Detection); Immunocytochemistry (ICC): 0.5 \sim 2 μ g/ml; Immunohistochemistry (IHC): 0.5 \sim 2 μ g/ml.

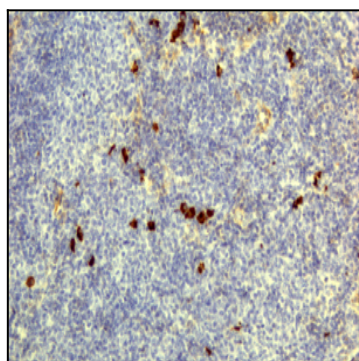


Figure 1: Immunohistochemistry of Human Lymphoid Tissue using Anti-Human IgD antibody Clone: RM123.

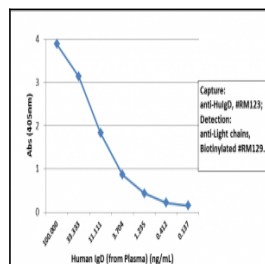


Figure 2: Sandwich ELISA using Clone: RM123 as the capture antibody (100 ng/well), and Biotinylated anti-human light chains (Kappa+ Lambda) antibody Clone: RM129 as the detection antibody, followed by an alkaline phosphatase conjugated streptavidin.

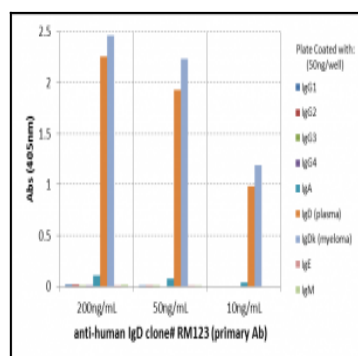


Figure 3: ELISA of human immunoglobulins shows Clone: RM123 reacts to IgD from human plasma and IgD Kappa from human myeloma. No cross reactivity with human IgG, IgM, IgA, or IgE. The plate was coated with 50 ng/well of different immunoglobulins. 200 ng/mL, 50 ng/mL, or 10 ng/mL of Clone: RM123 was used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

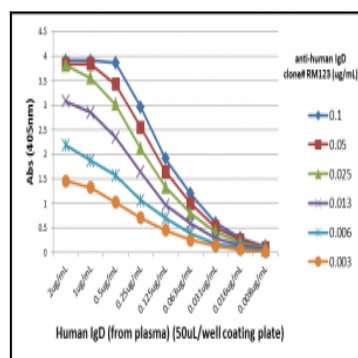


Figure 4: A titer ELISA using Clone: RM123. The plate was coated with different amounts of human IgD (from plasma). A serial dilution of Clone: RM123 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.