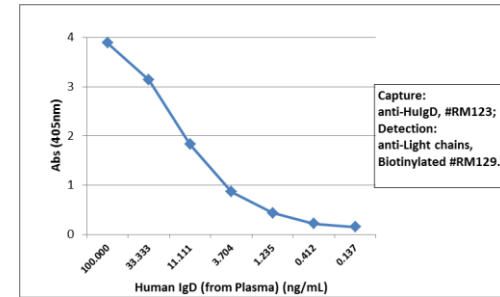
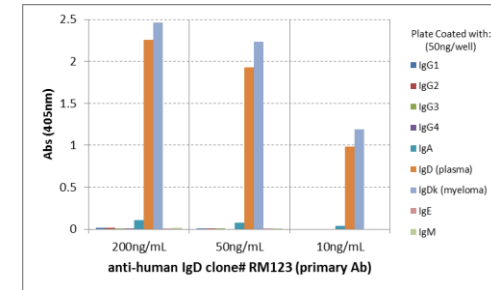


## Certificate of Analysis

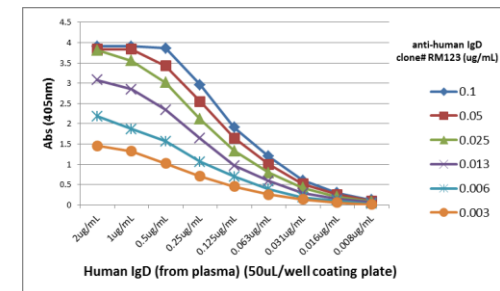
<b>Product:</b>	Rabbit Monoclonal Antibody Anti-Human IgD Rabbit Monoclonal Antibody, Clone RM123
<b>Catalog No.:</b>	31-1025-00
<b>Lot No.:</b>	
<b>Clone</b>	RM123
<b>Specificity</b>	This antibody reacts to human IgD. No cross reactivity with human IgG, IgM, IgA, or IgE.
<b>Application:</b>	ELISA
<b>Immunogen:</b>	Human IgD
<b>Purity:</b>	Protein A affinity purified from an animal origin-free culture supernatant
<b>Size:</b>	100 µg
<b>Concentration:</b>	1.0 mg/mL
<b>Buffer:</b>	50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
<b>Usage:</b>	ELISA: 25ng/well – 200ng/well (for Capture); 0.01ug/mL – 0.1ug/mL (for Detection);
<b>Storage and Stability:</b>	Stable for 1 Year at -20.0°C from date of receipt.
<b>Country of Origin:</b>	U.S.A.
<b>Intended Use:</b>	<b>For Research Use Only Not for Diagnostic or Therapeutic Use</b>



Sandwich ELISA using RM123 as the capture antibody (100ng/well), and Biotinylated anti-human light chains ( $\kappa+\lambda$ ) antibody RM129 as the detection antibody, followed by an alkaline phosphatase conjugated streptavidin.



ELISA of human immunoglobulins shows RM123 reacts to IgD from human plasma and IgDk 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.



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.