RevMAb Biosciences
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Certificate of Analysis

Product:	Rabbit Monoclonal Antibody Human IgD Matched Antibody Pair
Catalog No.:	31-1025-MK
Lot No.:	RM123 Capture Ab: RM129 Detection Ab: 10X Sample Diluent:
Specificity	This antibody pair detects only human IgD. It does not react to monkey (Cyno or Rhesus) IgD, mouse IgD, rat IgD, or goat IgD.
Application:	Sandwich ELISA, or other Sandwich Assays.
Components:	1) Capture Antibody: Anti-Human IgD Rabbit Monoclonal antibody, clone RM123, 100 μg at 1.0 mg/mL in 50% Glycerol/PBS with 1% BSA and 0.09% sodium azide; 2) Detection Antibody: Biotin Anti-Human Ig Light Chain Rabbit Monoclonal Antibody, Clone RM129, 25 μg at 1.0 mg/mL in 50% Glycerol/PBS with 1% BSA and 0.09% sodium azide; 3) 10X Sample Diluent: Added to the tested sample to reduce non-specific background and noise.
Usage:	ELISA: Capture Antibody 50ng/well – 200ng/well; Detection Antibody 0.1ug/mL – 0.5ug/mL;
Storage and Stability:	Components (1) (2) Stable for 1 Year at -20.0°C from date of receipt. Component (3) Store at 2-8°C
Country of Origin:	U.S.A.
Intended Use:	**For Research Use Only Not for Diagnostic or Therapeutic Use**

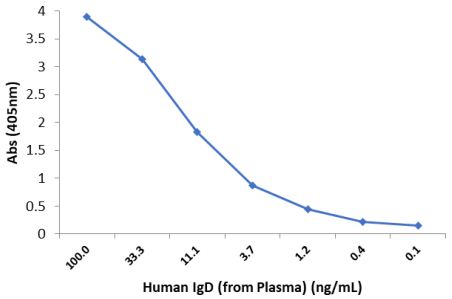

Fig 1. Sandwich ELISA using RM123 as the capture antibody (100ng/well), and Biotinylated anti-human light chains (k+l) antibody RM129 (0.2ug/mL) as the detection antibody, followed by an alkaline phosphatase conjugated streptavidin.

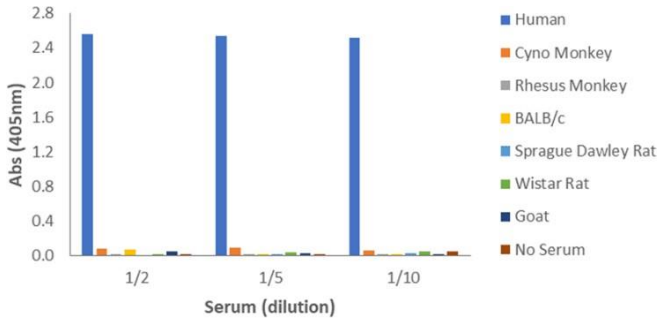

Fig 2. Sandwich ELISA, using RevMAb human IgD matched antibody pair (capture: RM123; detection: Biotin-RM129), shows species reactivity to human only, and shows no cross-reactivity to monkey (Cyno or Rhesus), mouse IgD, rat IgD, or goat IgD.

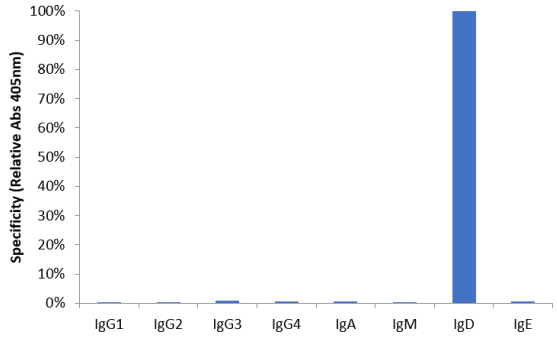

Fig 3. Sandwich ELISA, using RevMAb human IgD matched antibody pair, shows no cross-reactivity with Human IgG, IgE, IgA, or IgM. The plate was coated with human IgD capture antibody (50ng/well). Different immunoglobulin samples (0.2 ug/mL) were added and biotinylated RM129 (0.2ug/mL) was used as detection antibody, followed by an alkaline phosphatase conjugated streptavidin