

Product Datasheet

IgG1 Antibody (RM117) [Biotin] NBP2-62028B-0.05mg

Unit Size: 0.05 mg

Store at -20C. Avoid freeze-thaw cycles.

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NBP2-62028B-0.05mg

IgG1 Antibody (RM117) [Biotin]

Product Information	
Unit Size	0.05 mg
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	RM117
Preservative	0.09% Sodium Azide
Isotype	IgG
Conjugate	Biotin
Purity	Protein A purified
Buffer	PBS, 50% Glycerol, 1% BSA

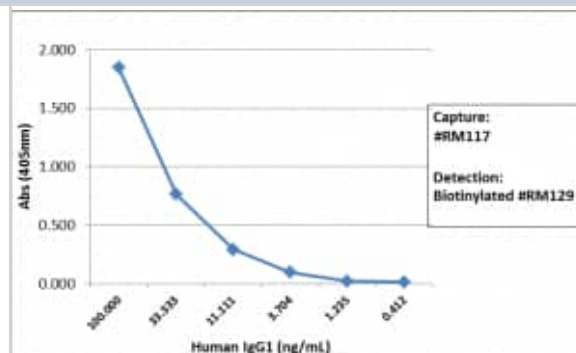
Product Description	
Host	Rabbit
Species	Human
Specificity/Sensitivity	This antibody reacts to the heavy chain of human IgG1. It does not cross react to any other IgG subclasses (IgG2, IgG3, or IgG4), and shows no cross reactivity to IgM, IgA, IgD, IgE. This antibody does not react to monkey (Cyno or Rhesus) IgG, mouse IgG, rat IgG, or goat IgG.
Immunogen	Peptide corresponding to the hinge region of Human IgG1

Product Application Details	
Applications	ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Sandwich ELISA Capture, Sandwich ELISA Detection
Recommended Dilutions	Flow Cytometry 2ug/ml-8ug/ml, ELISA, Immunohistochemistry 0.5ug/ml - 2ug/ml, Immunocytochemistry/ Immunofluorescence 0.5ug/ml - 2ug/ml, Sandwich ELISA Capture 50 - 200ng/well, Sandwich ELISA Detection 0.05 - 0.2ug/ml
Application Notes	This primary antibody can also be used as a secondary antibody.

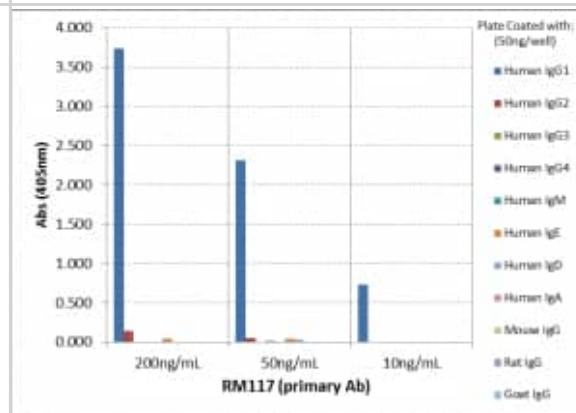


Images

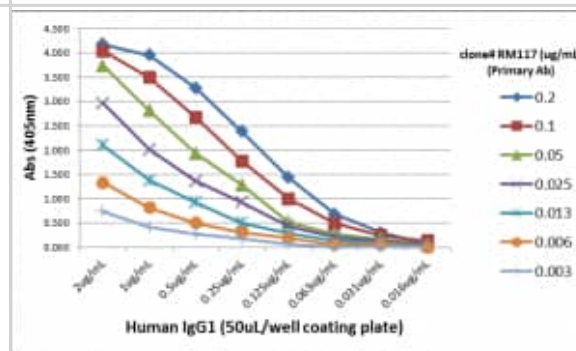
ELISA: IgG1 Antibody (RM117) [Biotin] [NBP2-62028B] - Sandwich ELISA using NBP2-62028B as the capture antibody, and biotinylated anti-human light chains (kappa + lambda) antibody as the detection antibody, followed by an AP conjugated streptavidin.



ELISA: IgG1 Antibody (RM117) [Biotin] [NBP2-62028B] - ELISA of human immunoglobulins shows NBP2-62028B only reacts to human IgG1. No cross reactivity with Human IgG2, IgG3, IgG4, IgE, IgD, IgA, mouse IgG, rat IgG, or goat IgG. The plate was coated with different immunoglobulins. NBP2-62028B was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.



ELISA: IgG1 Antibody (RM117) [Biotin] [NBP2-62028B] - A titer ELISA using RM117. The plate was coated with different amounts of human IgG1. A serial dilution of RM117 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.





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Products Related to NBP2-62028B-0.05mg

NBP2-24891B	Rabbit IgG Isotype Control [Biotin]
MAB002	Mouse IgG1 Isotype Control (11711) [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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