

# Product Datasheet

## IgG2 Antibody (RM118) [Biotin] NBP2-62076B-0.05mg

Unit Size: 0.05 mg

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

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**NBP2-62076B-0.05mg**

IgG2 Antibody (RM118) [Biotin]

Product Information	
Unit Size	0.05 mg
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	RM118
Preservative	0.09% Sodium Azide
Isotype	IgG
Conjugate	Biotin
Purity	Protein A purified
Buffer	PBS, 50% Glycerol, 1% BSA

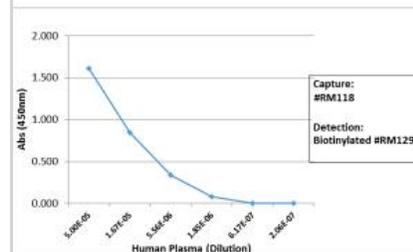
Product Description	
Host	Rabbit
Gene ID	3501
Gene Symbol	IGHG2
Species	Human
Specificity/Sensitivity	This antibody reacts to the heavy chain of human IgG2. This antibody does not cross react to any other IgG subclasses (IgG1, IgG3, or IgG4), and shows no cross reactivity to IgM, IgA, IgD, or IgE. It does not react to monkey (Cyno or Rhesus) IgG, mouse IgG, rat IgG, or goat IgG.
Immunogen	Human IgG2

Product Application Details	
Applications	ELISA, Immunohistochemistry, Sandwich ELISA Capture, Sandwich ELISA Detection
Recommended Dilutions	ELISA, Immunohistochemistry 0.5 - 2 ug/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.

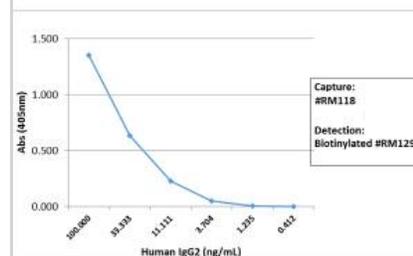


## Images

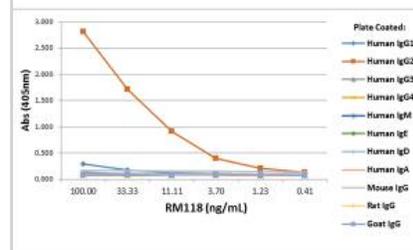
ELISA: IgG2 Antibody (RM118) [Biotin] [NBP2-62076B] - Sandwich ELISA using NBP2-62076B as the capture antibody, and biotinylated anti-human light chains (kappa + lambda) antibody as the detection antibody, followed by an AP conjugated streptavidin.



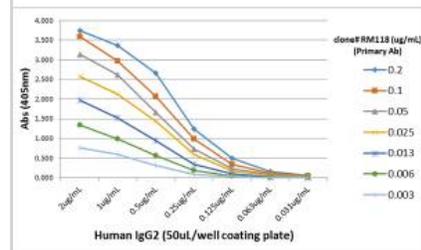
ELISA: IgG2 Antibody (RM118) [Biotin] [NBP2-62076B] - Sandwich ELISA using NBP2-62076B as the capture antibody, and biotinylated anti-human light chains (kappa + lambda) antibody as the detection antibody, followed by an AP conjugated streptavidin.



ELISA: IgG2 Antibody (RM118) [Biotin] [NBP2-62076B] - ELISA of human immunoglobulins shows NBP2-62076B only reacts to human IgG2. No cross reactivity with Human IgG1, IgG3, IgG4, IgE, IgD, IgA, mouse IgG, rat IgG, or goat IgG. The plate was coated with different immunoglobulins. A serial dilution of NBP2-62076B was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.



ELISA: IgG2 Antibody (RM118) - Azide and BSA Free [NBP2-62076B] - A titer ELISA using RM118. The plate was coated with different amounts of human IgG2. A serial dilution of RM118 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.





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### **Products Related to NBP2-62076B-0.05mg**

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NBP2-24891B	Rabbit IgG Isotype Control [Biotin]
AB-108-C	Goat IgG Isotype Control [Unconjugated]
DDXCH02P-100	Human IgG2 Isotype Control
291-G1-200	IGF-I/IGF-1 [Unconjugated]

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### **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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