

# Product Datasheet

## IgG1 Antibody (RM106) [Biotin] NBP2-62006B

Unit Size: 50 ug

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

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**NBP2-62006B**

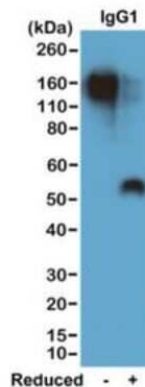
IgG1 Antibody (RM106) [Biotin]

<b>Product Information</b>	
<b>Unit Size</b>	50 ug
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	RM106
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Conjugate</b>	Biotin
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS, 50% Glycerol, 1% BSA
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Species</b>	Mouse
<b>Specificity/Sensitivity</b>	This antibody reacts to the Fc region of mouse IgG1. No cross reactivity with mouse IgG2a, IgG3, IgM, IgA, IgE, human IgG, or rat IgG. It may slightly cross react to mouse IgG2b, and may also react to goat IgG.
<b>Immunogen</b>	Mouse IgG
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA
<b>Recommended Dilutions</b>	Western Blot 0.1 ug/ml - 0.5 ug/ml, ELISA 0.005 ug/ml-0.2 ug/ml
<b>Application Notes</b>	This primary antibody can also be used as a secondary antibody.

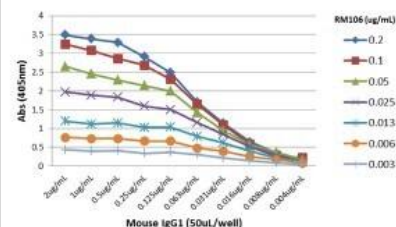


## Images

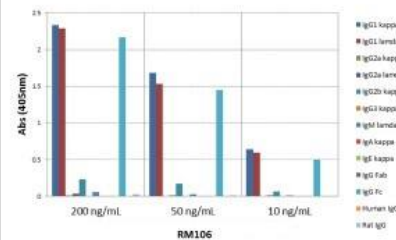
Western Blot: IgG1 Antibody (RM106) [Biotin] [NBP2-62006B] - Western blot of nonreduced(-) and reduced(+) mouse IgG1 (20 ng/lane), using 0.2 ug/mL NBP2-62006B. This antibody reacts to nonreduced IgG1 (~150 kDa) stronger than the reduced form (~50 kDa).



ELISA: IgG1 Antibody (RM106) [Biotin] [NBP2-62006B] - A titer ELISA of mouse IgG1. The plate was coated with different amount of mouse IgG1. A serial dilution of NBP2-62006B was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.



ELISA: IgG1 Antibody (RM106) [Biotin] [NBP2-62006B] - ELISA of mouse immunoglobulins shows NBP2-62006B reacts to the Fc region of mouse IgG1; no cross reactivity with IgG2a, IgG3, IgM, IgA, IgE, human IgG, or rat IgG. The plate was coated with different immunoglobulins. NBP2-62006B was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.





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### **Products Related to NBP2-62006B**

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