

# Product Datasheet

## **IgG1 Antibody (RM106)** **NBP2-62006**

Unit Size: 100 ug

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

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**NBP2-62006**

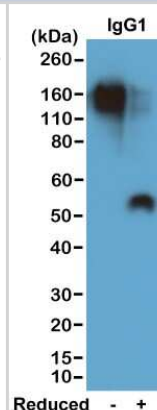
IgG1 Antibody (RM106)

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	RM106
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	50% Glycerol/PBS, 1% BSA
Product Description	
Host	Rabbit
Species	Mouse
Specificity/Sensitivity	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.
Immunogen	Mouse IgG
Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 0.1 ug/ml-0.5 ug/ml, ELISA 0.005 ug/ml-0.2 ug/ml



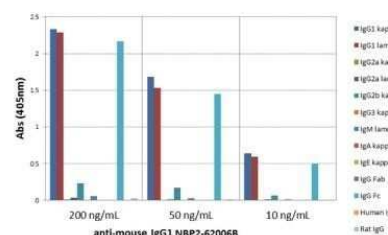
## Images

**Western Blot: IgG1 Antibody (RM106) [Unconjugated] [NBP2-62006] -** Western blot of nonreduced(-) and reduced(+) mouse IgG1, using NBP2-62006. This antibody reacts to nonreduced IgG1 (~150 kDa) stronger than the reduced g1 form (~50 kDa).

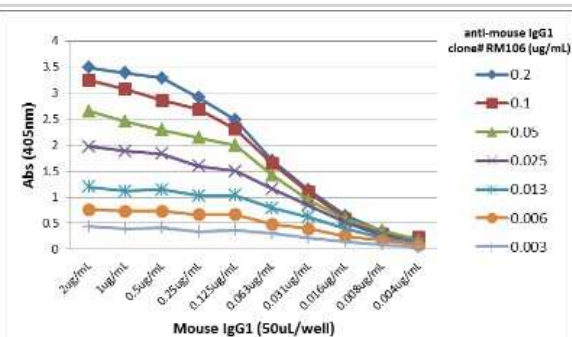


Reduced - +

**ELISA: IgG1 Antibody (RM106) [Unconjugated] [NBP2-62006] -** ELISA of mouse immunoglobulins shows NBP2-62006 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 50 ng/well of different immunoglobulins. 200 ng/mL, 50 ng/mL, or 10 ng/mL of NBP2-62006B was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody. Image using the Biotin format of this antibody.



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





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

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
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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