

# Product Datasheet

## IgG2b Antibody (RM108) [Biotin] NBP2-62009B

Unit Size: 50 ug

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

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**NBP2-62009B**

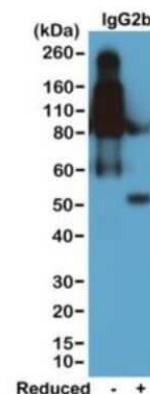
IgG2b Antibody (RM108) [Biotin]

| Product Information         |                                                                                                                                                         |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 50 ug                                                                                                                                                   |
| Concentration               | 1 mg/ml                                                                                                                                                 |
| Storage                     | Store at -20C. Avoid freeze-thaw cycles.                                                                                                                |
| Clonality                   | Monoclonal                                                                                                                                              |
| Clone                       | RM108                                                                                                                                                   |
| Preservative                | 0.09% Sodium Azide                                                                                                                                      |
| Isotype                     | IgG                                                                                                                                                     |
| Conjugate                   | Biotin                                                                                                                                                  |
| Purity                      | Protein A purified                                                                                                                                      |
| Buffer                      | PBS, 50% Glycerol, 1% BSA                                                                                                                               |
| Product Description         |                                                                                                                                                         |
| Host                        | Rabbit                                                                                                                                                  |
| Species                     | Mouse                                                                                                                                                   |
| Specificity/Sensitivity     | This antibody reacts to the Fc region of mouse IgG2b. No cross reactivity with mouse IgG1, IgG2a, IgG3, IgM, IgA, IgE, human IgG, rat IgG, or goat IgG. |
| Immunogen                   | Mouse IgG2b                                                                                                                                             |
| 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                                                                                       |
| Application Notes           | This primary antibody can also be used as a secondary antibody.                                                                                         |

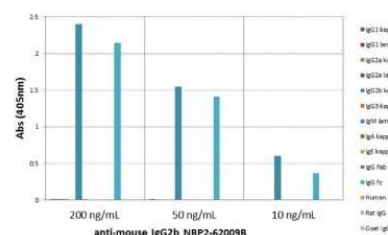


## Images

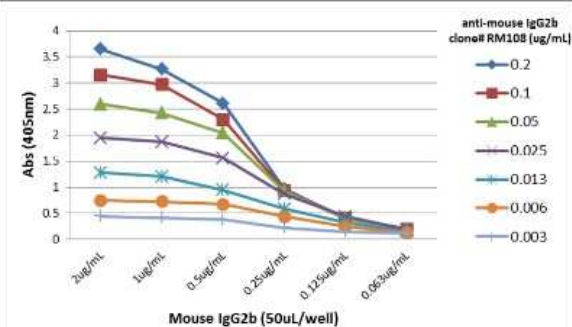
**Western Blot: IgG2b Antibody (RM108) [Biotin] [NBP2-62009B]** - Western blot of nonreduced(-) and reduced(+) mouse IgG2b (20 ng/lane), using 0.2 ug/mL of NBP2-62009B. This antibody reacts to nonreduced IgG2b (~150 kDa) much stronger than the reduced gamma 2b form (~50 kDa).



**ELISA: IgG2b Antibody (RM108) [Biotin] [NBP2-62009B]** - ELISA of mouse immunoglobulins shows NBP2-62009B reacts to the Fc region of mouse IgG2b; no cross reactivity with IgG1, IgG2a, IgG3, IgM, IgA, IgE, human IgG, rat IgG, or goat IgG. The plate was coated with different immunoglobulins. NBP2-62009B was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.



**ELISA: IgG2b Antibody (RM108) [Biotin] [NBP2-62009B]** - A titer ELISA of mouse IgG2b. The plate was coated with different amounts of mouse IgG2b. A serial dilution of NBP2-62009B was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.





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### **Products Related to NBP2-62009B**

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|             |                                                    |
|-------------|----------------------------------------------------|
| NBP2-24891B | Rabbit IgG Isotype Control [Biotin]                |
| MAB004      | Mouse IgG2b Isotype Control (20116) [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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