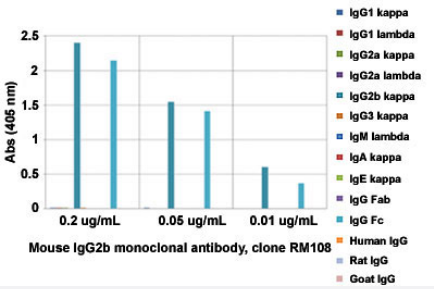
RecomAb™

# Mouse IgG2b monoclonal antibody, clone RM108 (Biotin)

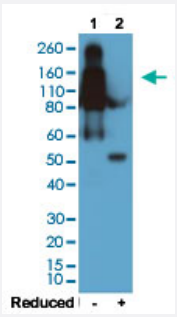
Catalog # MAB14938 Size 50 ug

## Applications




### Enzyme-linked Immunoabsorbent Assay

ELISA analysis of Mouse IgG2b monoclonal antibody, clone RM108 (Cat # MAB12769) at the following concentrations: 0.2 ug/mL, 0.05 ug/mL, and 0.01 ug/mL. The plate was coated with 50 ng/well of different immunoglobulins and the result shows this antibody 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. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.




### Western Blot

Western blot analysis of Lane 1: nonreduced (-) and Lane 2: reduced (+) mouse IgG2b (20 ng/lane) with Mouse IgG2b monoclonal antibody, clone RM108 (Biotin) (Cat # MAB14938) at 0.2 ug/mL working concentration. This antibody reacts to nonreduced IgG2b (~150 kDa) much stronger than the reduced gamma 2b form (~50 kDa).

## Specification

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|---|---|
| **Product Description** | Rabbit recombinant monoclonal antibody raised against mouse IgG2b. |
| **Antibody Species** | Rabbit |
| **Immunogen** | Original antibody is raised against mouse IgG2b. |
| **Sequence** | N/A |
| **Reactivity** | Mouse |
| **Form** | Liquid |

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|---|---|
| **Conjugation** | Biotin |
| **Purification** | Protein A purification |
| **Isotype** | IgG |
| **Recommend Usage** | ELISA (0.005-0.2 ug/mL)<br>Flow Cytometry<br>Immunocytochemistry (0.5-2 ug/mL)<br>Immunohistochemistry (0.5-2 ug/mL)<br>Immunoprecipitation<br>Western Blotting (0.1-0.5 ug/mL)<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In PBS (50% glycerol, 1% BSA, 0.09% sodium azide) |
| **Storage Instruction** | Store at -20°C.<br>Aliquot to avoid repeated freezing and thawing. |
| **Note** | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only. |

## Applications

- Immunohistochemistry
- Immunocytochemistry
- Flow Cytometry
- Enzyme-linked Immunoabsorbent Assay

  ELISA analysis of Mouse IgG2b monoclonal antibody, clone RM108 (Cat # MAB12769) at the following concentrations: 0.2 ug/mL, 0.05 ug/mL, and 0.01 ug/mL. The plate was coated with 50 ng/well of different immunoglobulins and the result shows this antibody 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. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.
- Immunoprecipitation
- Western Blot

  Western blot analysis of Lane 1: nonreduced (-) and Lane 2: reduced (+) mouse IgG2b (20 ng/lane) with Mouse IgG2b monoclonal antibody, clone RM108 (Biotin) (Cat # MAB14938) at 0.2 ug/mL working concentration. This antibody reacts to nonreduced IgG2b (~150 kDa) much stronger than the reduced gamma 2b form (~50 kDa).

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# Gene Info — Igh-3

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|---|---|
| **Entrez GeneID** | 16016 |
| **Protein Accession#** | P01867 |
| **Gene Name** | Igh-3 |
| **Gene Alias** | IGHG2B, IgG2b, gamma2b |
| **Gene Description** | immunoglobulin heavy chain 3 (serum IgG2b) |
| **Gene Ontology** | Hyperlink |
| **Other Designations** | - |

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