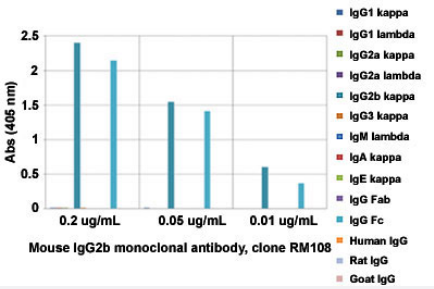
RecomAb™

Mouse IgG2b monoclonal antibody, clone RM108 (Biotin)

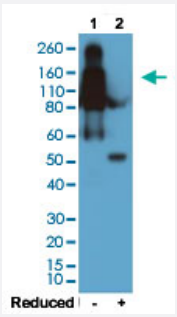
Catalog # MAB14938 Size 50 ug

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

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) Flow Cytometry Immunocytochemistry (0.5-2 ug/mL) Immunohistochemistry (0.5-2 ug/mL) Immunoprecipitation Western Blotting (0.1-0.5 ug/mL) 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. 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

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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