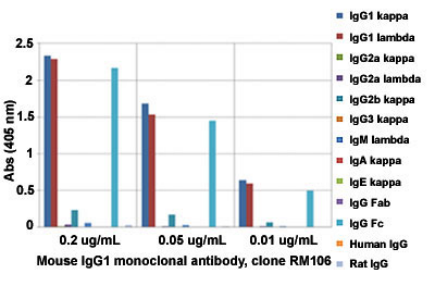
RecomAb™

Mouse IgG1 monoclonal antibody, clone RM106 (Biotin)

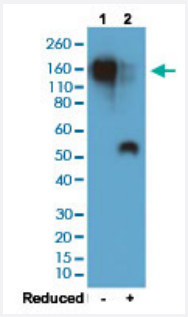
Catalog # MAB14935 Size 50 ug

Applications



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of Mouse IgG1 monoclonal antibody, clone RM106 (Cat # MAB12766) 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 IgG1; slightly cross reacts to IgG2b; no cross reactivity with IgG2a, IgG3, IgM, IgA, IgE, human IgG, or rat 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 IgG1 (20 ng/lane) with Mouse IgG1 monoclonal antibody, clone RM106 (Biotin) (Cat # MAB14935) at 0.2 ug/mL working concentration. This antibody reacts to nonreduced mouse IgG1 (~150 kDa) stronger than the reduced gamma 1 form (~50 kDa).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against mouse IgG1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against mouse IgG.
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 IgG1 monoclonal antibody, clone RM106 (Cat # MAB12766) 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 IgG1; slightly cross reacts to IgG2b; no cross reactivity with IgG2a, IgG3, IgM, IgA, IgE, human IgG, or rat 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 IgG1 (20 ng/lane) with Mouse IgG1 monoclonal antibody, clone RM106 (Biotin) (Cat # MAB14935) at 0.2 ug/mL working concentration. This antibody reacts to nonreduced mouse IgG1 (~150 kDa) stronger than the reduced gamma 1 form (~50 kDa).

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Gene Info — Ighg1

Entrez GeneID	16017
Protein Accession#	P01868
Gene Name	Ighg1
Gene Alias	IgG1, Igh-4, VH7183
Gene Description	immunoglobulin heavy constant gamma 1 (G1m marker)
Gene Ontology	Hyperlink
Other Designations	-

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