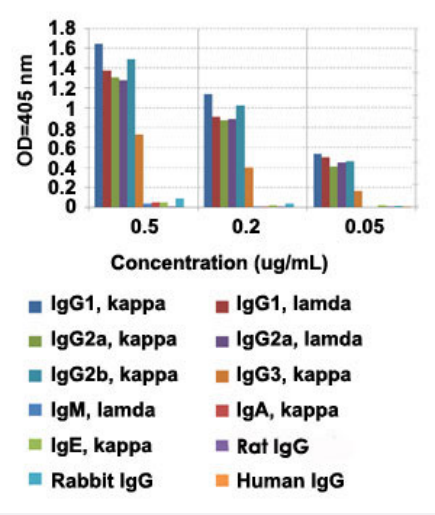
RecomAb™

Mouse IgG monoclonal antibody, clone RMG07

Catalog # MAB12777 Size 100 ug

Applications



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of Mouse IgG monoclonal antibody, clone RMG07 (Cat # MAB12777) at the following concentrations: 0.5 ug/mL, 0.2 ug/mL, and 0.05 ug/mL. The plate was coated with 50 ng/well of different immunoglobulins and the result shows this antibody reacts to mouse IgG1, IgG2a, IgG2b, and IgG3; no cross reactivity with IgM, IgA, IgE, human IgG, rat IgG, and rabbit IgG. An alkaline phosphatase conjugated anti-goat IgG as the secondary antibody.

Specification

Product Description	Goat recombinant monoclonal antibody raised against mouse IgG.
Antibody Species	Goat
Immunogen	Original antibody is raised against mouse IgG.
Sequence	N/A
Reactivity	Mouse
Specificity	This antibody reacts to Mouse IgG, including IgG1, IgG2a, IgG2b, and IgG3. No cross reactivity with I gM, IgA, IgE, human IgG, rat IgG, or rabbit IgG.
Form	Liquid
Purification	Protein G purification

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Isotype	IgG
Recommend Usage	ELISA (0.05 ug/mL-1 ug/mL) Flow Cytometry Immunocytochemistry Immunohistochemistry (0.5 ug/mL-2 ug/mL) Immunoprecipitation 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 (Formalin/PFA-fixed paraffin-embedded sections)
- Immunocytochemistry
- Flow Cytometry
- Enzyme-linked Immunoabsorbent Assay

  ELISA analysis of Mouse IgG monoclonal antibody, clone RMG07 (Cat # MAB12777) at the following concentrations: 0.5 ug/mL, 0.2 ug/mL, and 0.05 ug/mL. The plate was coated with 50 ng/well of different immunoglobulins and the result shows this antibody reacts to mouse IgG1, IgG2a, IgG2b, and IgG3; no cross reactivity with IgM, IgA, IgE, human IgG, rat IgG, and rabbit IgG. An alkaline phosphatase conjugated anti-goat IgG as the secondary antibody.

- Immunoprecipitation

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)

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Gene Ontology	Hyperlink
Other Designations	-

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