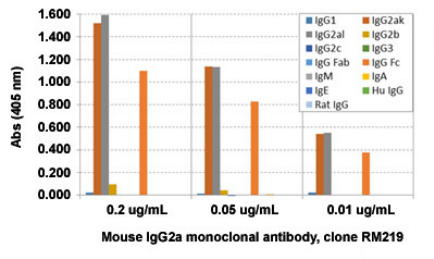
RecomAb™

Mouse IgG2a monoclonal antibody, clone RM219

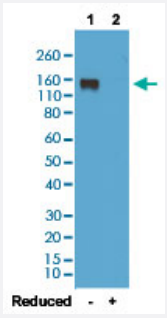
Catalog # MAB12768 Size 100 ug

Applications



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of Mouse IgG2a monoclonal antibody, clone RM219 (Cat # MAB12768) 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 IgG2a; no cross reactivity with IgG1, IgG2b, IgG2c, 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 IgG2a with Mouse IgG2a monoclonal antibody, clone RM219 (Cat # MAB12768) under 0.5 ug/mL working concentration. This antibody reacts to nonreduced IgG2a (~150 kDa).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against mouse IgG2a.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against mouse IgG2a.
Sequence	N/A
Reactivity	Mouse
Specificity	This antibody reacts to the Fc region of mouse IgG2a. No cross reactivity with mouse IgG1, IgG2b, IgG2c, IgG3, IgM, IgA, IgE, human IgG, or rat IgG.

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Form	Liquid
Purification	Protein A affinity 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 Blot (0.5 - 2 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 IgG2a monoclonal antibody, clone RM219 (Cat # MAB12768) 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 IgG2a; no cross reactivity with IgG1, IgG2b, IgG2c, 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 IgG2a with Mouse IgG2a monoclonal antibody, clone RM219 (Cat # MAB12768) under 0.5 ug/mL working concentration. This antibody reacts to nonreduced IgG2a (~150 kDa).

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Gene Info — Igh-1a

Entrez GeneID	380793
Protein Accession#	P01863
Gene Name	Igh-1a
Gene Alias	1810060O09Rik, IGHG2A, Igh-1, MGC102662, MGC118125, MGC18977
Gene Description	immunoglobulin heavy chain 1a (serum IgG2a)
Gene Ontology	Hyperlink
Other Designations	-

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