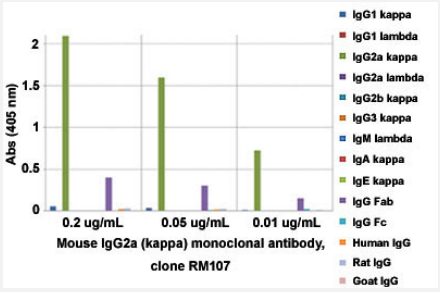
RecomAb™

Mouse IgG2a (kappa) monoclonal antibody, clone RM107 (Biotin)

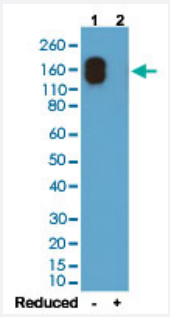
Catalog # MAB14936 Size 50 ug

Applications



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of Mouse IgG2a (kappa) monoclonal antibody, clone RM107 (Cat # MAB12767) 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 Fab region of mouse IgG2a (kappa); no cross reactivity with IgG2a (lambda), IgG1, 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 IgG2a (kappa) (20 ng/lane) with Mouse IgG2a (kappa) monoclonal antibody, clone RM107 (Biotin) (Cat # MAB14936) at 0.2 ug/mL working concentration. This antibody only reacts to nonreduced mouse IgG2a (kappa).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against mouse IgG2a (kappa).
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 IgG2a (kappa) monoclonal antibody, clone RM107 (Cat # MAB12767) 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 Fab region of mouse IgG2a (kappa); no cross reactivity with IgG2a (lambda), IgG1, 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 IgG2a (kappa) (20 ng/lane) with Mouse IgG2a (kappa) monoclonal antibody, clone RM107 (Biotin) (Cat # MAB14936) at 0.2 ug/mL working concentration. This antibody only reacts to nonreduced mouse IgG2a (kappa).

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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	-

Publication Reference

- Modulation of endoplasmic reticulum calcium pump expression during lung cancer cell differentiation.

  Atousa Arbabian, Jean-Philippe Brouland, Agota Apati, Katalin Paszty, Luca Heged?s, Agnes Enyedi, Christine Chomienne, Bela Papp

  FEBS J 2013 Nov; 280(21):5408-18.

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