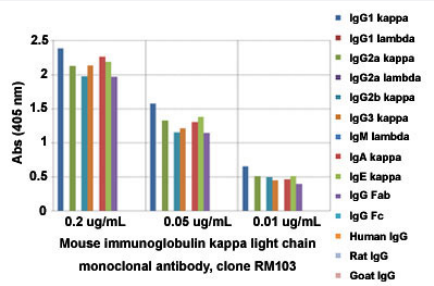
RecomAb™

Mouse immunoglobulin kappa light chain monoclonal antibody, clone RM103

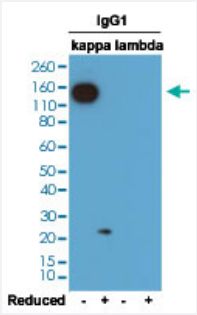
Catalog # MAB12764 Size 100 ug

Applications



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of Mouse immunoglobulin kappa light chain monoclonal antibody, clone RM103 (Cat # MAB12764) 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 kappa light chain of mouse immunoglobulins. No cross reactivity with the lambda light chain, human IgG, rat IgG, or goat IgG. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.



Western Blot

Western blot analysis of nonreduced (-) and reduced (+) mouse IgG1 (kappa) and IgG1 (lambda) (20 ng/lane) with Mouse immunoglobulin kappa light chain monoclonal antibody, clone RM103 (Cat # MAB12764) under 0.2 ug/mL working concentration. This antibody reacts to nonreduced IgG1 (kappa) (~150 kDa), and slightly reacts to reduced kappa light chain (~25 kDa).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against mouse immunoglobulin kappa light chain.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against mouse IgG.
Sequence	N/A
Reactivity	Mouse

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Specificity	This antibody reacts to the kappa light chain of mouse immunoglobulins. No cross reactivity with the l ambda light chain, human IgG, rat IgG, or goat IgG.
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 (0.1 - 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 immunoglobulin kappa light chain monoclonal antibody, clone RM103 (Cat # MAB12764) 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 kappa light chain of mouse immunoglobulins. No cross reactivity with the lambda light chain, human IgG, rat IgG, or goat IgG. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.

- Immunoprecipitation

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- Western Blot

Western blot analysis of nonreduced (-) and reduced (+) mouse IgG1 (kappa) and IgG1 (lambda) (20 ng/lane) with Mouse immunoglobulin kappa light chain monoclonal antibody, clone RM103 (Cat # MAB12764) under 0.2 ug/mL working concentration. This antibody reacts to nonreduced IgG1 (kappa) (~150 kDa), and slightly reacts to reduced kappa light chain (~25 kDa).

Gene Info — Igk-C

Entrez GeneID	16071
Protein Accession#	P01837
Gene Name	Igk-C
Gene Alias	IGKC, MGC118128
Gene Description	immunoglobulin kappa chain, constant region
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	-

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