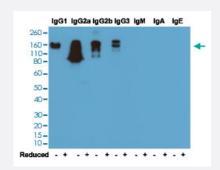


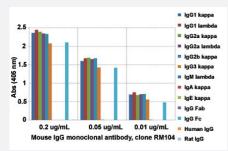
#### RecomAb™

# Mouse IgG monoclonal antibody, clone RM104

Catalog # MAB12765 Size 100 ug

## **Applications**





### Western Blot

Western blot analysis of nonreduced (-) and reduced (+) mouse immunoglobulins (20 ng/lane) with Mouse IgG monoclonal antibody, clone RM104 (Cat # MAB12765) under 0.2 ug/mL working concentration. This antibody reacts to nonreduced mouse IgG1, IgG2a, IgG2b, and IgG3. It showed no cross reactivity with IgM, IgA, or IgE.

### Enzyme-linked Immunoabsorbent Assay

ELISA analysis of Mouse IgG monoclonal antibody, clone RM104 (Cat # MAB12765) 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, IgG2a, IgG2b, and IgG3; no cross reactivity with IgM, IgA, IgE, human or rat IgG. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.

### Enzyme-linked Immunoabsorbent Assay

A titer ELISA of mouse IgG. The plate was coated with different amounts of mouse IgG. A serial dilution of Mouse IgG monoclonal antibody, clone RM104 (Cat# MAB12765) was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.

### Specification

**Product Description** 

Rabbit recombinant monoclonal antibody raised against mouse IgG.

😵 Abnova

## **Product Information**

Antibody Species	Rabbit
Immunogen	Original antibody is raised against mouse IgG.
Sequence	N/A
Reactivity	Mouse
Specificity	This antibody reacts to the Fc region of all subclasses of mouse IgG. No cross reactivity with mouse I gM, IgA, IgE, human IgG, and rat IgG. It may cross react to goat IgG.
Form	Liquid
Purification	Protein A affinity purification
lsotype	lgG
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

Western Blot

Western blot analysis of nonreduced (-) and reduced (+) mouse immunoglobulins (20 ng/lane) with Mouse IgG monoclonal antibody, clone RM104 (Cat # MAB12765) under 0.2 ug/mL working concentration. This antibody reacts to nonreduced mouse IgG1, IgG2a, IgG2b, and IgG3. It showed no cross reactivity with IgM, IgA, or IgE.

- Immunohistochemistry
- Immunocytochemistry
- Immunoprecipitation

### Enzyme-linked Immunoabsorbent Assay

ELISA analysis of Mouse IgG monoclonal antibody, clone RM104 (Cat # MAB12765) 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, IgG2a, IgG2b, and IgG3; no cross reactivity with IgM, IgA, IgE, human or rat IgG. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.

### Enzyme-linked Immunoabsorbent Assay

A titer ELISA of mouse IgG. The plate was coated with different amounts of mouse IgG. A serial dilution of Mouse IgG monoclonal antibody, clone RM104 (Cat# MAB12765) was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.

### Flow Cytometry

Gene Info — Ighg1	
Entrez GenelD	<u>16017</u>
Protein Accession#	<u>P01868</u>
Gene Name	lghg1
Gene Alias	lgG1, lgh-4, VH7183
Gene Description	immunoglobulin heavy constant gamma 1 (G1m marker)
Gene Ontology	Hyperlink
Other Designations	-