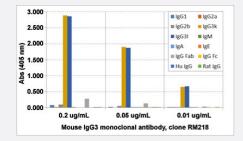


RecomAb™

# Mouse IgG3 monoclonal antibody, clone RM218

Catalog # MAB12770 Size 100 ug

## **Applications**



### Enzyme-linked Immunoabsorbent Assay

ELISA analysis of Mouse IgG3 monoclonal antibody, clone RM218 (Cat # MAB12770) 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 both mouse IgG3 (kappa) and IgG3 (lambda); No cross reactivity with mouse IgG1, IgG2a, IgG2b, IgM, IgA, IgE, human IgG, or rat IgG. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.

#### **Enzyme-linked Immunoabsorbent Assay**

A titer ELISA of mouse IgG3. The plate was coated with different amounts of mouse IgG3. A serial dilution of Mouse IgG3 monoclonal antibody, clone RM218 (Cat# MAB12770) 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 lgG3.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against mouse lgG3.
Sequence	N/A
Reactivity	Mouse



#### **Product Information**

Specificity	This antibody reacts to the Fab region of mouse IgG3. No cross reactivity with mouse IgG1, IgG2a, IgG2b, IgM, IgA, IgE, human IgG, or rat IgG.
Form	Liquid
Purification	Protein A affinity purification
Isotype	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
- Immunohistochemistry
- Immunocytochemistry
- Immunoprecipitation
- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of Mouse IgG3 monoclonal antibody, clone RM218 (Cat # MAB12770) 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 both mouse IgG3 (kappa) and IgG3 (lambda); No cross reactivity with mouse IgG1, IgG2a, IgG2b, IgM, IgA, IgE, human IgG, or rat IgG. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.

Enzyme-linked Immunoabsorbent Assay

A titer ELISA of mouse IgG3. The plate was coated with different amounts of mouse IgG3. A serial dilution of Mouse IgG3 monoclonal antibody, clone RM218 (Cat# MAB12770) was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.



• Flow Cytometry

Gene Info — Al324046	
Entrez GeneID	<u>380795</u>
Protein Accession#	P03987
Gene Name	Al324046
Gene Alias	IGHG3, IgG3, MGC68300
Gene Description	expressed sequence Al324046
Gene Ontology	<u>Hyperlink</u>
Other Designations	-