

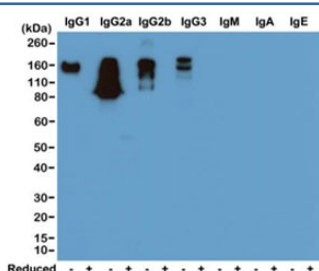
Recombinant Mouse IgG Antibody [clone RM104] (R20163)

Catalog No.	Formulation	Size
R20163-100UG	1 mg/ml in PBS with 50% glycerol, 1% BSA and 0.09% sodium azide	100 ug

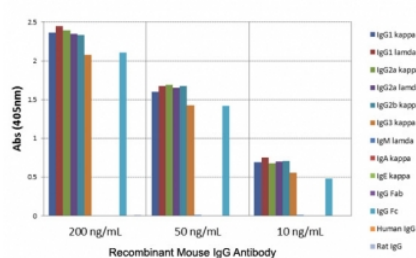
Recombinant **RABBIT MONOCLONAL**

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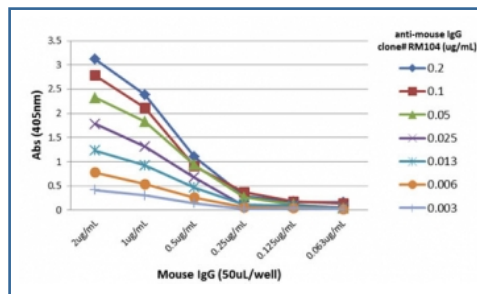
Availability	1-3 business days
Species Reactivity	Mouse
Format	Purified
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	RM104
Purity	Protein A purified from animal origin-free supernatant
UniProt	P01868
Gene ID	16017
Applications	ELISA : 0.005-0.2ug/ml Western Blot (non-reduced) : 0.1-0.5ug/ml
Limitations	This recombinant Mouse IgG antibody is available for research use only.



Western blot of nonreduced(-) and reduced(+) mouse immunoglobulins (20ng/lane), using 0.2ug/ml of recombinant Mouse IgG antibody. This mAb reacts to nonreduced mouse IgG1, IgG2a, IgG2b, and IgG3. It showed no cross reactivity with IgM, IgA, or IgE.



ELISA of mouse immunoglobulins shows the recombinant Mouse IgG antibody reacts to the Fc region of mIgG1, mIgG2a, mIgG2b, and mIgG3; no cross reactivity with IgM, IgA, IgE, human/rat IgG.



ELISA titer: the plate was coated with different amounts of mouse IgG. A serial dilution of recombinant Mouse IgG antibody was used as the primary and an alkaline phosphatase conjugated anti-rabbit IgG as the secondary.

Description

This recombinant Mouse IgG antibody reacts to the Fc region of all subclasses of mouse IgG. No cross reactivity with mouse IgM, IgA, IgE, human/rat IgG. It may cross react to goat IgG.

Application Notes

The stated application concentrations are suggested starting points. Titration of the recombinant Mouse IgG antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Mouse IgG was used as the immunogen for this recombinant Mouse IgG antibody.

Storage

Store the recombinant Mouse IgG antibody at -20oC (with glycerol) or aliquot and store at -20oC (without glycerol).