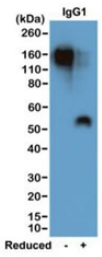
Recombinant Mouse IgG1 Antibody (Biotin Conjugate) [clone RM106] (R20164BTN)

Catalog No.	Formulation	Size
R20164BTN-50UG	1 mg/ml in PBS with 50% glycerol, 1% BSA and 0.09% sodium azide	50 ug

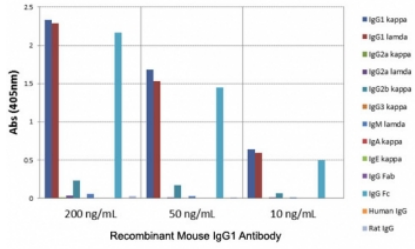
Recombinant RABBIT MONOCLONAL

Bulk quote request

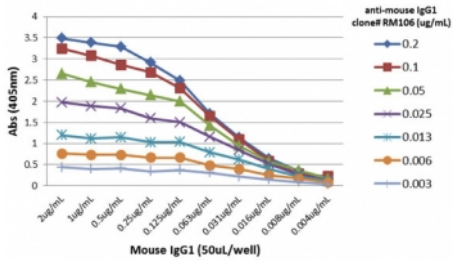
Availability	1-3 business days
Species Reactivity	Mouse
Format	Biotin Conjugate
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	RM106
Purity	Protein A purified from animal origin-free supernatant
UniProt	P01868
Gene ID	16017
Applications	ELISA : 0.005-0.2ug/ml Western Blot : 0.1-0.5ug/ml
Limitations	This recombinant Mouse IgG1 antibody is available for research use only.



Western blot of nonreduced(-) and reduced(+) mouse IgG1 (20ng/lane), using 0.2ug/mL of recombinant Mouse IgG1 antibody. This mAb reacts to nonreduced IgG1 (~150 kDa) stronger than the reduced Î³1 form (~50 kDa).



ELISA of mouse immunoglobulins shows recombinant Mouse IgG1 antibody reacts to the Fc region of mouse IgG1; slightly cross reacts to IgG2b; no cross reactivity with IgG2a, IgG3, IgM, IgA, IgE, human IgG, or rat IgG.



ELISA titer: the plate was coated with different amount of mouse IgG1. A serial dilution of recombinant Mouse IgG1 antibody was used as the primary and an alkaline phosphatase conjugated anti-rabbit IgG as the secondary.

Description

This recombinant Mouse IgG1 antibody reacts to the Fc region of mouse IgG1. No cross reactivity with mouse IgG2a, IgG3, IgM, IgA, IgE, human IgG, or rat IgG. It may slightly cross react to mouse IgG2b, and may also react to goat IgG.

Application Notes

The stated application concentrations are suggested starting points. Titration of the recombinant Mouse IgG1 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 IgG1 antibody.

Storage

Store the recombinant Mouse IgG1 antibody at -20oC.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com