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10-9504: Recombinant Rabbit Monoclonal Antibody to Mouse IgG1 (Clone: RM106)(Discontinued)

Clonality :	Monoclonal
Clone Name :	RM106
Application :	IP,ELISA,IHC,FACS,WB
Reactivity :	Mouse
Gene :	Ighg1
Gene ID :	16017
Uniprot ID :	P01868
Format :	Purified
Alternative Name :	Ighg1, Igh-4
Isotype :	Rabbit IgG
Immunogen Information :	Mouse IgG

Product Info

Amount :	100 µg
Purification :	Protein A affinity purified from an animal origin-free culture supernatant
Content :	1 mg/ml in 50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
Storage condition :	Store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Clone RM106 reacts to the Fc region of mouse IgG1. No cross reactivity with mouse IgG2a, IgG3, IgM, IgA, IgE, human IgG, or rat IgG. The Fc region of Clone RM106 has been engineered to eliminate Fc receptor binding. ELISA: 0.005 µg/ml-0.2 µg/ml; Immunocytochemistry (ICC): 0.5 µg/ml-2 µg/ml; Immunohistochemistry (IHC): 0.5 µg/ml-2 µg/ml; Western Blot (WB): 0.1 µg/ml-0.5 µg/ml.

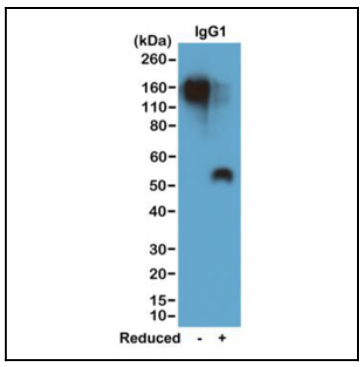


Figure 1: Western blot of nonreduced(-) and reduced(+)mouse IgG1 (20 ng/lane), using 0.2 µg/ml of Clone: RM106. This antibody reacts to nonreduced IgG1 (~150 kDa) stronger than the reduced 1 for Clone: RM106 (~50 kDa).

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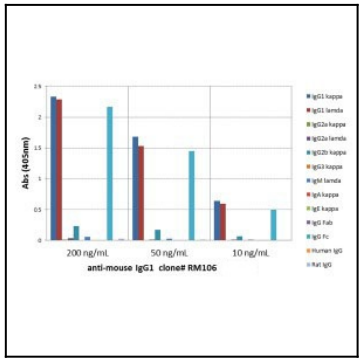


Figure 2: ELISA of mouse immunoglobulins shows Clone: RM106 reacts to the Fc region of mouse IgG1; no cross reactivity with IgG2a, IgG3, IgM, IgA, IgE, human IgG, or rat IgG. The plate was coated with 50 ng/well of different immunoglobulins. 200 ng/mL, 50 ng/mL, or 10 ng/mL of Clone: RM106 was used as the primary antibody. An alkaline phosphatase conjugated anti- rabbit IgG as the secondary antibody.

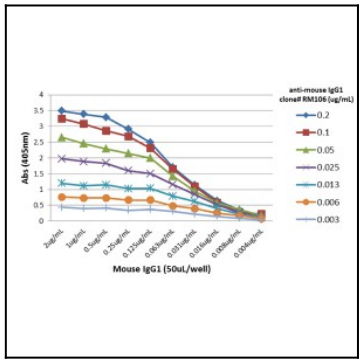


Figure 3: A titer ELISA of mouse IgG1. The plate was coated with different amount of mouse IgG1. A serial dilution of Clone: RM106 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.

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