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10-9507: Recombinant Rabbit Monoclonal Antibody to Mouse IgG2b (Clone: RM108)(Discontinued)

Clonality :	Monoclonal
Clone Name :	RM108
Application :	IP,ELISA,IHC,FACS,WB
Reactivity :	Mouse
Gene :	Igh-3
Gene ID :	16016
Uniprot ID :	P01867
Format :	Purified
Alternative Name :	Igh-3
Isotype :	Rabbit IgG
Immunogen Information :	Mouse IgG2b

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 RM108 reacts to the Fc region of mouse IgG2b. No cross reactivity with mouse IgG1, IgG2a, IgG3, IgM, IgA, IgE, human IgG, rat IgG, or goat IgG. The Fc region of Clone RM108 has been engineered to eliminate Fc receptor binding. ELISA: 0.005 µg/ml Ã□â□□ 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.

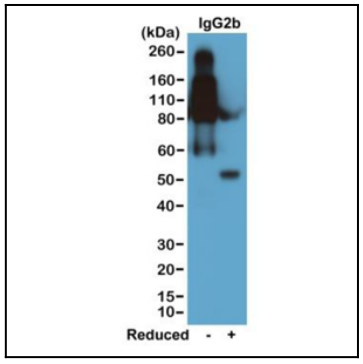

Figure 1: Western blot of nonreduced(-) and reduced(+)mouse IgG2b (20ng/lane), using 0.2 µg/ml of Clone: RM108. This antibody reacts to nonreduced IgG2b (~150 kDa) much stronger than the reduced Î³2b form (~50 kDa).

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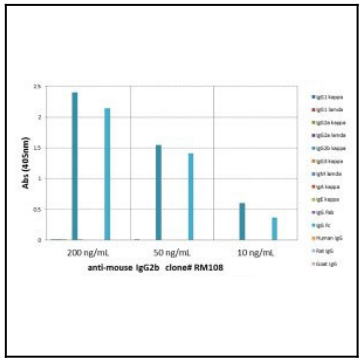

Figure 2: ELISA of mouse immunoglobulins shows Clone: RM108 reacts to the Fc region of mouse IgG2b; no cross reactivity with IgG1, IgG2a, IgG3, IgM, IgA, IgE, human IgG, rat IgG, or goat IgG. The plate was coated with 50 ng/well of different immunoglobulins.200 ng/mL, 50 ng/mL, or 10 ng/mL of Clone: RM108 was used as the primary antibody. An alkaline phosph-atase conjugated anti-rabbit IgG as the secondary antibody.

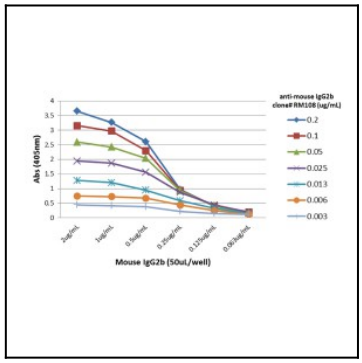

Figure 3: A titer ELISA of mouse IgG2b. The plate was coated with different amounts of mouse IgG2b. A serial dilution of Clone: RM108 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.

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