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10-9505: Recombinant Rabbit Monoclonal Antibody to Mouse IgG2a Kappa (Clone: RM107)(Discontinued)

Clonality :	Monoclonal
Clone Name :	RM107
Application :	WB,IP,ICC,IHC,FACS,ELISA
Reactivity :	Mouse
Gene :	Ighg
Gene ID :	380793
Uniprot ID :	P01863Â
Format :	Purified
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 RM107 reacts to the Fab region of mouse IgG2a?. No cross reactivity with mouse IgG2a?, IgG1, IgG3, IgM, IgA, IgE, human IgG, rat IgG, or goat IgG. The Fc region of Clone RM107 has been engineered to eliminate Fc receptor binding. ELISA: 0.005 Ã□Âµg/ml Ã□â□□ 0.2 Ã□Âµg/ml; Immunocytochemistry (ICC): 0.5 Ã□Âµg/ml-2 Ã□Âµg/ml; Immunohistochemistry (IHC): 0.5 Ã□Âµg/ml-2 Ã□Âµg/ml; Western Blot (WB): 0.1 Ã□Âµg/ml-0.5 Ã□Âµg/ml.

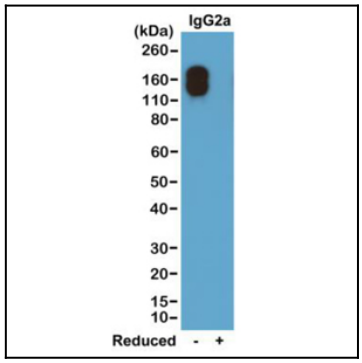

Figure 1: Western blot of nonreduced(-) and reduced(+)mouse IgG2a Kappa (20 ng/lane), using 0.2 µg/ml of Clone: RM107. This antibody only reacts to nonreduced Mouse IgG2a Kappa .

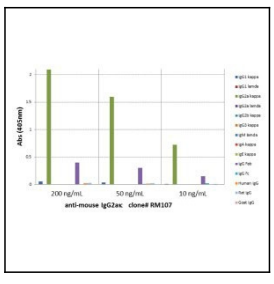

Figure 2: ELISA of mouse immunoglobulins shows Clone: RM107 reacts to the Fab region of mouse IgG2a Kappa ; no cross reactivity with IgG2a Kappa , IgG1, IgG3, IgM, IgA, IgE, human IgG, rat IgG, or goat IgG. The plate was coated with 50 ng/well of different immunoglobulins. 200 ng/mL, 50 ng/mL, or 10 ng/mL of Clone: RM107 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.

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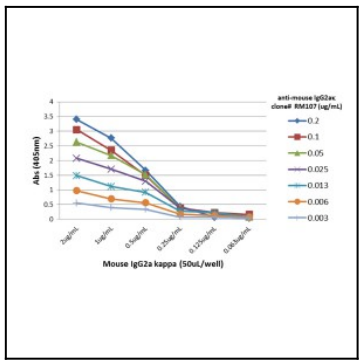

Figure 3: A titer ELISA of mouse IgG2a Kappa .The plate was coated with different amounts of mouse IgG2a Kappa . A serial dilution of Clone: RM107 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.