

10-9506: Recombinant Rabbit Monoclonal Antibody to Mouse IgG2a (Clone: RM219)(Discontinued)

Clonality :	Monoclonal
Clone Name :	RM219
Application :	WB,IP,ICC,IHC,FACS,ELISA
Reactivity :	Mouse
Gene :	Ighg
Gene ID :	380793
Uniprot ID :	P01863
Format :	Purified
Isotype :	Rabbit IgG
Immunogen Information :	Mouse IgG2a

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 RM219 reacts to the Fc region of mouse IgG2a. No cross reactivity with mouse IgG1, IgG2b, IgG2c, IgG3, IgM, IgA, IgE, human IgG, or rat IgG. ELISA: 0.005 Åµg/ml Å²Å² 0.2 Å²Åµg/ml; Immunocytochemistry (ICC): 0.5 Å²Åµg/ml-2 Å²Åµg/ml; Immunohistochemistry (IHC): 0.5 Å²Åµg/ml-2 Å²Åµg/ml; Western Blot (WB): 0.5 Å²Åµg/ml-2 Å²Åµg/ml.

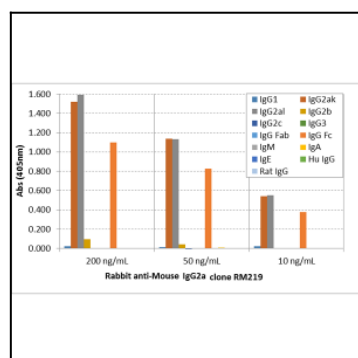


Figure 1: ELISA of mouse immunoglobulins shows Clone: RM219 reacts to the Fc region of mouse IgG2a; no cross reactivity with IgG1, IgG2b, IgG2c, IgG3, IgM, IgA, IgE, human IgG, or rat IgG. The plate was coated with 50 ng/well of different immunoglobulins. 200 ng/ml, 50 ng/ml, or 10 ng/ml of Clone: RM219 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.

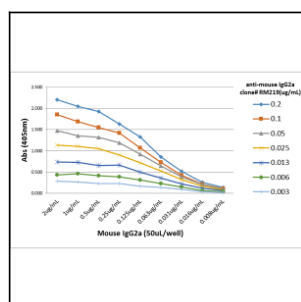


Figure 2: A titer ELISA of mouse IgG2a. The plate was coated with different amounts of mouse IgG2a. A serial dilution of Clone: RM219 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.

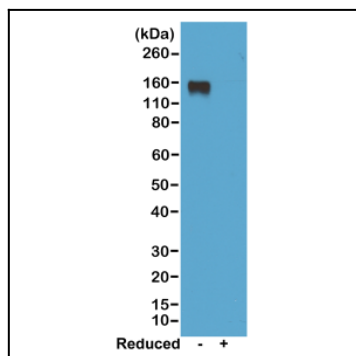


Figure 3: Western blot of nonreduced(-) and reduced(+) mouse IgG2a, using 0.5 μ g/ml of Clone: RM219. This antibody reacts to nonreduced IgG2a (~150 kDa).