

10-9516-B: Biotinylated Recombinant Goat Monoclonal Antibody to Mouse IgG (Clone: RMG07)(Discontinued)

Clonality :	Monoclonal
Clone Name :	RMG07
Application :	IP,ICC,IHC,FACS,ELISA
Reactivity :	Mouse
Conjugate :	Biotin
Gene :	Ighg1
Gene ID :	16017
Uniprot ID :	P01868
Format :	Purified
Isotype :	Goat IgG
Immunogen Information :	Mouse IgG

Product Info

Amount :	50 µg
Purification :	Protein G 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 RMG07 antibody reacts to Mouse IgG, including IgG1, IgG2a, IgG2b, and IgG3. No cross reactivity with IgM, IgA, IgE, human IgG, rat IgG, or rabbit IgG. ELISA: 0.05 µg/ml – 1 µg/ml; ICC, IHC: 0.5 µg/ml – 2 µg/ml.

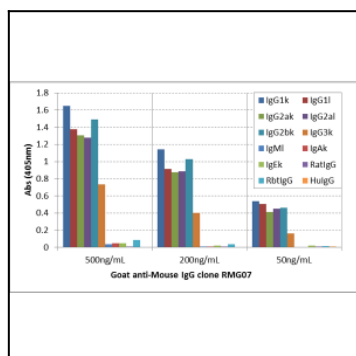


Figure 1: ELISA of mouse immunoglobulins shows Clone: RMG07 reacts to mouse IgG1, IgG2a, IgG2b, and IgG3; no cross reactivity with IgM, IgA, IgE, human IgG, rat IgG, and rabbit IgG. The plate was coated with 50 ng/well of different immunoglobulins. 500 ng/ml, 200 ng/ml, or 50 ng/ml of Clone: RMG07 was used as the primary antibody. An alkaline phosphatase conjugated anti-goat IgG as the secondary antibody.

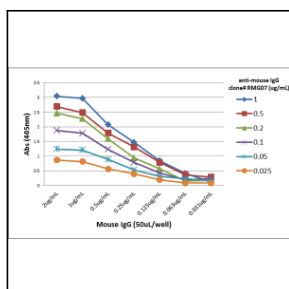


Figure 2: A titration ELISA of mouse IgG. The plate was coated with different amounts of mouse IgG. A serial dilution of Clone: RMG07 was used as the primary antibody. An alkaline phosphatase conjugated anti-goat IgG as the secondary antibody.