

## 10-9515: Recombinant Goat Monoclonal Antibody to Mouse IgG Fc (Clone: RMG06)(Discontinued)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	RMG06
<b>Application :</b>	IP,ICC,IHC,FACS,ELISA
<b>Reactivity :</b>	Mouse
<b>Format :</b>	Purified
<b>Isotype :</b>	Goat IgG
<b>Immunogen Information :</b>	Mouse IgG

### Product Info

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

### Application Note

Clone RMG06 reacts to the Fc region of Mouse IgG, including IgG1, IgG2a, and IgG2b. It shows very slight reaction with mouse 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.

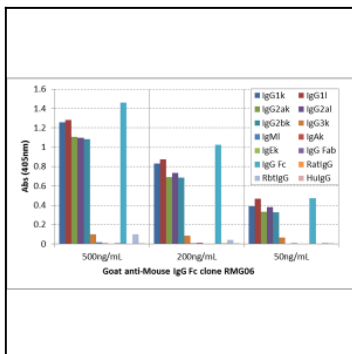


Figure 1: ELISA of mouse immunoglobulins shows Clone: RMG06 reacts to the Fc region of mouse IgG1, IgG2a, and IgG2b, and very slightly to IgG3; no cross reactivity with IgM, IgA, IgE, human IgG, rat IgG, and rabbit IgG. The plate was coated with 50 ng/well of different immunoglobulins. 500 ng/ml, 200 ng/ml, or 50 ng/ml of Clone: RMG06 was used as the primary antibody. An alkaline phosphatase conjugated anti-goat IgG as the secondary antibody.

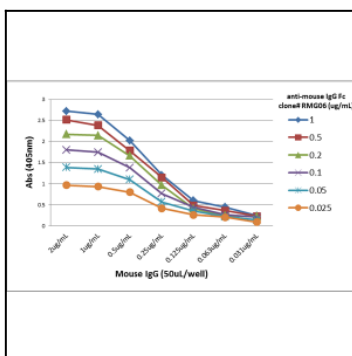


Figure 2: A titer ELISA of mouse IgG. The plate was coated with different amounts of mouse IgG. A serial dilution of Clone: RMG06 was used as the primary antibody. An alkaline phosphatase conjugated anti-goat IgG as the secondary antibody.