

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

|                                |                          |
|--------------------------------|--------------------------|
| <b>Clonality :</b>             | Monoclonal               |
| <b>Clone Name :</b>            | RM107                    |
| <b>Application :</b>           | WB,IP,ICC,IHC,FACS,ELISA |
| <b>Reactivity :</b>            | Mouse                    |
| <b>Gene :</b>                  | Ighg                     |
| <b>Gene ID :</b>               | 380793                   |
| <b>Uniprot ID :</b>            | P01863                   |
| <b>Format :</b>                | Purified                 |
| <b>Isotype :</b>               | Rabbit IgG               |
| <b>Immunogen Information :</b> | Mouse IgG                |

### Product Info

|                            |  |
|----------------------------|--|
| <b>Amount :</b>            | 100 µg   |
| <b>Purification :</b>      | Protein A 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 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 µg/ml - 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.

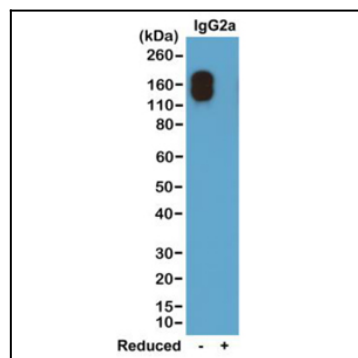


Figure 1: Western blot of nonreduced(-) and reduced(+) mouse IgG2a Kappa (20 ng/lane), using 0.2 µg/ml of Clone: RM107. This antibody only reacts to nonreduced Mouse IgG2a Kappa .

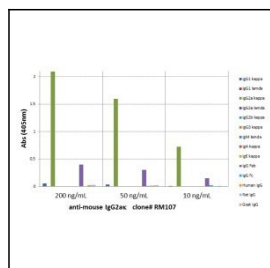


Figure 2: ELISA of mouse immunoglobulins shows Clone: RM107 reacts to the Fab region of mouse IgG2a Kappa ; no cross reactivity with IgG2a Kappa , IgG1, IgG3, IgM, IgA, IgE, human IgG, rat IgG, or goat IgG. The plate was coated with 50 ng/well of different immunoglobulins. 200 ng/mL, 50 ng/mL, or 10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

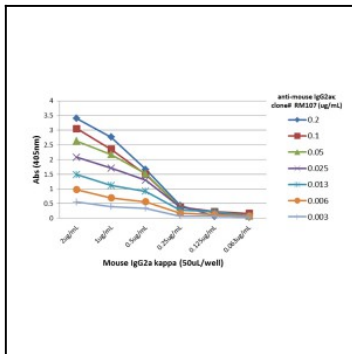


Figure 3: A titer ELISA of mouse IgG2a Kappa .The plate was coated with different amounts of mouse IgG2a Kappa . A serial dilution of Clone: RM107 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.