

10-9511-B: Biotinylated Recombinant Rabbit Monoclonal Antibody to Mouse IgG2C (Clone: RM223)(Discontinued)

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|--------------------------------|--------------------------|
| Clonality : | Monoclonal |
| Clone Name : | RM223 |
| Application : | WB,IP,ICC,IHC,FACS,ELISA |
| Reactivity : | Mouse |
| Conjugate : | Biotin |
| Gene ID : | 404711 |
| Format : | Purified |
| Isotype : | Rabbit IgG |
| Immunogen Information : | Mouse IgG2c |

Product Info

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| Amount : | 50 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 RM223 reacts to the Fc region of mouse IgG2c. No cross reactivity with mouse IgG1, IgG2a, IgG2b, IgG3, IgM, IgA, IgE, human IgG, or rat IgG. ELISA: 0.01 Åµg/ml Å– 0.2 Åµg/ml; Immunocytochemistry (ICC): 0.5 Åµg/ml-2 Åµg/ml; Immunohistochemistry (IHC): 0.5 Åµg/ml-2 Åµg/ml; Western Blot (WB): 0.5 Åµg/ml-2 Åµg/ml

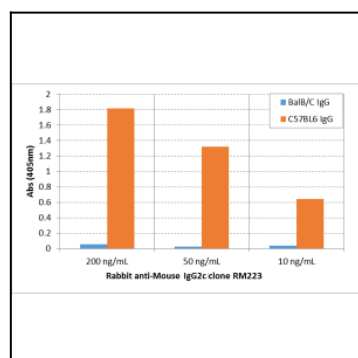


Figure 1: ELISA of IgG from BalB/C and C57BL6 shows Clone: RM223 reacts to C57BL6 IgG containing IgG2c, and does not react to BalB/C IgG containing IgG2a. 200 ng/ml, 50ng/ml, or 10 ng/ml of Clone: RM223 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.

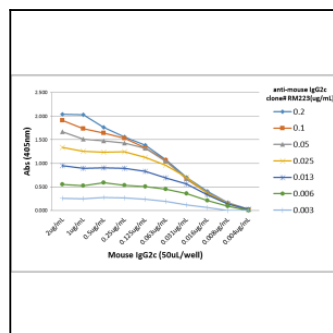


Figure 2: A titer ELISA of mouse IgG2c. The plate was coated with different amounts of mouse IgG2c. A serial dilution of Clone: RM223 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.

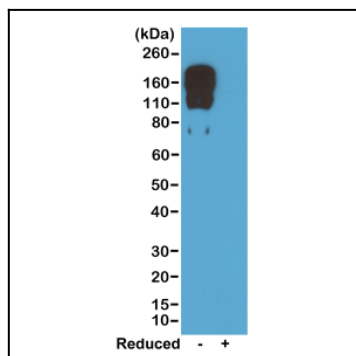


Figure 3: Western blot of nonreduced(-) and reduced(+)mouse IgG2c, using 0.5 µg/ml of Clone: RM223. This antibody reacts to nonreduced IgG2c