

10-9501-B: Biotinylated Recombinant Rabbit Monoclonal Antibody to Mouse Ig Lambda Light Chain (Clone: RM110)(Discontinued)

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|--------------------------------|--------------------------|
| Clonality : | Monoclonal |
| Clone Name : | RM110 |
| Application : | IP,ICC,ELISA,IHC,FACS,WB |
| Reactivity : | Mouse |
| Conjugate : | Biotin |
| Gene : | Igk1 |
| Gene ID : | 110785 |
| Uniprot ID : | P01843 |
| Format : | Purified |
| Isotype : | Rabbit IgG |
| Immunogen Information : | Mouse IgM Lambda |

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 RM110 reacts to the lambda light chain of mouse immunoglobulins. No cross reactivity with the kappa light chain, human IgG, rat IgG, or goat IgG. The Fc region of Clone RM110 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

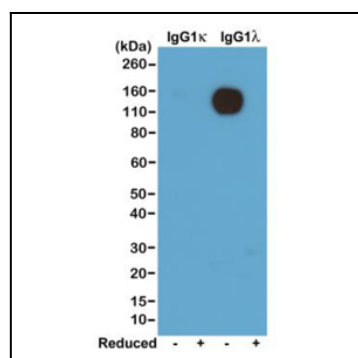


Figure 1: Western blot of nonreduced (-) and reduced (+) mouse IgG1 Kappa and IgG1 Lambda (20 ng/lane), using 0.2 µg/ml of Clone: RM110. This antibody reacts to nonreduced IgG1 Lambda .

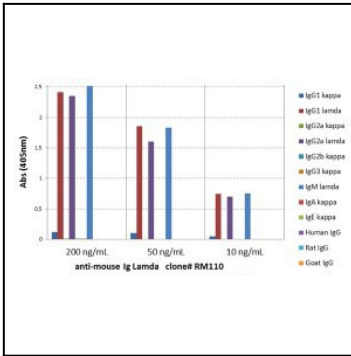


Figure 2: ELISA of mouse immunoglobulins shows Clone: RM110 reacts to the Lambda light chain of mouse immuno-globulins. No cross reactivity with the Kappa light chain, human IgG, rat IgG, or goat IgG. The plate was coated with 50 ng/well of different immuno-globulins. 200 ng/mL, 50 ng/mL, or 10 ng/mL of Clone: RM110 was used as the primary antibody. Analkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.

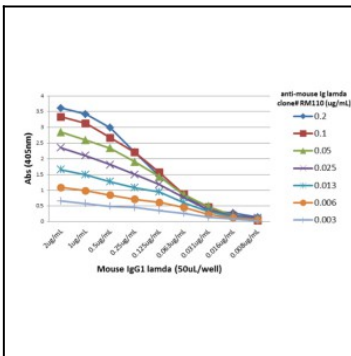


Figure 3: A titer ELISA of mouse IgG1 Lambda . The plate was coated with different amounts of mouse IgG1 Lambda . A serial dilution of Clone: RM110 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.