

10-9521: Recombinant Rabbit Monoclonal Antibody to Human IgM (Clone: RM121)(Discontinued)

| | |
|--------------------------------|--------------------|
| Clonality : | Monoclonal |
| Clone Name : | RM121 |
| Application : | ICC,IHC,FACS,ELISA |
| Reactivity : | Human |
| Gene : | IGHM |
| Gene ID : | 3507 |
| Uniprot ID : | P01871 |
| Format : | Purified |
| Alternative Name : | IGHM |
| Isotype : | Rabbit IgG |
| Immunogen Information : | Human IgM |

Product Info

| | |
|----------------------------|----------------------------------------------------------------------------|
| Amount : | 100 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 RM121 reacts to the heavy chain of human IgM. No cross reactivity with human IgG, IgA, IgD, or IgE. ELISA: 50ng/well \hat{A} 200ng/well (for Capture); 0.05 \hat{A} 0.2 \hat{A} (for Detection); Immunocytochemistry (ICC): 0.5 \hat{A} 2 \hat{A} ; Immunohistochemistry (IHC): 0.5 \hat{A} 2 \hat{A} .

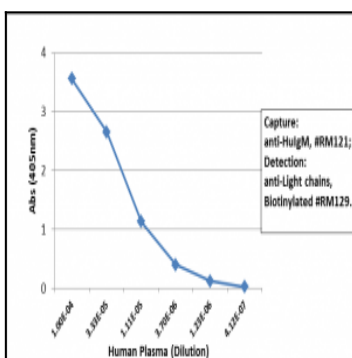


Figure 1: Sandwich ELISA using Clone: RM121 as the capture antibody (100ng/well), and Biotinylated anti-human light chains (Kappa+ Lambda) antibody Clone: RM129 as the detection antibody, followed by an alkaline phosphatase conjugated streptavidin.

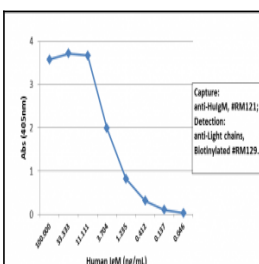


Figure 2: Sandwich ELISA using Clone: RM121 as the capture antibody (100 ng/well), and Biotinylated anti-human light chains (Kappa+ Lambda) antibody Clone: RM129 as the detection antibody, followed by an alkaline phosphatase conjugated streptavidin.

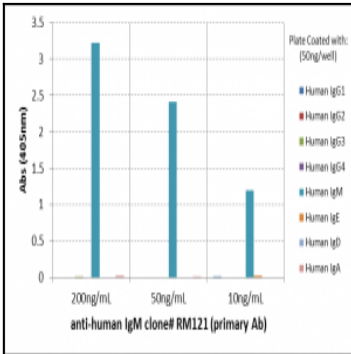


Figure 3: ELISA of human immunoglobulins shows Clone: RM121 reacts only to human IgM. No cross reactivity with Human IgG, IgE, IgD, or IgA. The plate was coated with 50 ng/well of different immunoglobulins. 200 ng/mL, 50 ng/mL of Clone: RM121 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.

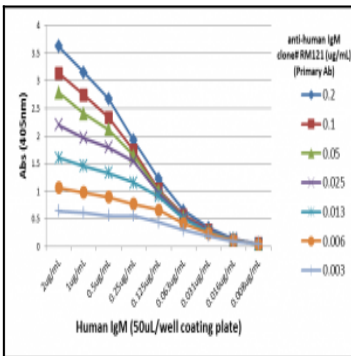


Figure 4: A titer ELISA using Clone: RM121. The plate was coated with different amounts of human IgM. A serial dilution of Clone: RM121 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.