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## 10-9524: Recombinant Rabbit Monoclonal Antibody to Human IgA2 (Clone: RM125)(Discontinued)

Clonality: Monoclonal Clone Name: RM125

**Application :** ICC,IHC,FACS,ELISA

Reactivity: Human
Gene: IGHA2
Gene ID: 3494
Uniprot ID: P01877
Format: Purified
Isotype: Rabbit IgG
Immunogen Information: IgA2

## **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 RM125 reacts to human IgA2. No cross reactivity with human IgA1, IgG, IgM, IgD, or IgE. ELISA: 50ng/well  $\tilde{A} \equiv 100$  200ng/well (for Capture); 0.05  $\tilde{A} \equiv 100$   $\tilde{A}$ 

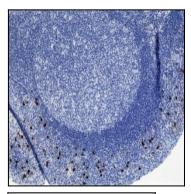


Figure 1: Immunohistochemistry of Human Tonsil Tissue using Anti-Human IgA2 antibody Clone: RM125.

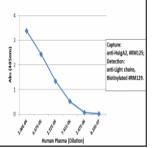


Figure 2: Sandwich ELISA using Clone: RM125 as the capture antibody (100 ng/well), and Biotinylated antihuman light chains (Kappa+ Lambda) antibody Clone: RM129 as the detection antibody, followed by an alkaline phosphatase conjugated streptavidin.



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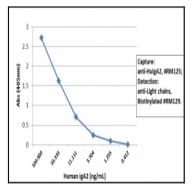


Figure 3: Sandwich ELISA using Clone: RM125 as the capture antibody (100 ng/well), and Biotinylated anti-human light chains (Kappa+ Lambda) antibody Clone: RM129 as the detection antibody, followed by an alkaline phosphatase conjugated streptavidin.

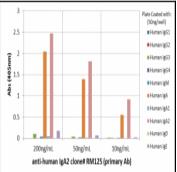


Figure 4: ELISA of human immunoglobulins shows Clone: RM125 reacts only to Human IgA2. No cross reactivity with Human IgA1, IgG, IgM, IgD, or IgE. The plate was coated with 50 ng/well of different immunoglobulins. 200 ng/mL, 50 ng/mL, or 10 ng/mL of Clone: RM125 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.

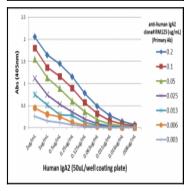


Figure 5: A titer ELISA using Clone: RM125. The plate was coated with different amounts of human IgA2. A serial dilution of Clone: RM125 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.