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10-9522-B: Biotinylated Recombinant Rabbit Monoclonal Antibody to Human IgA (Alpha 1 & Alpha 2) (Clone: RM128)(Discontinued)

Clonality: Monoclonal Clone Name: RM128

Application: ICC,IHC,FACS,ELISA

Reactivity: Human
Conjugate: Biotin
Gene ID: 3493/3494
Uniprot ID: P01876/P01877

Format: Purified
Alternative Name: IGHA1
Isotype: Rabbit IgG
Immunogen Information: Human IgA

Product Info

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 RM128 reacts to human IgA, including both IgA1 and IgA2. No cross reactivity with human IgG, IgM, IgD, or IgE. ELISA: 50ng/well $\tilde{A}_{\alpha} = 200$ ng/well (for Capture); 0.05 $\tilde{A}_{\alpha} = 0.2$ $\tilde{A}_{\alpha} = 0.$

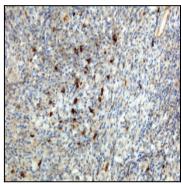


Figure 1: Immunohistochemistry of Human Lymphoid Tissue using anti-Human IgA antibody Clone: RM128.

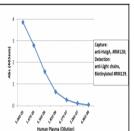


Figure 2: Sandwich ELISA using Clone: RM128 as the capture antibody (100 ng/well), and Biotinylated anti-human light chains (Kappa+ Lambda) antibody Clone: RM129 as the detection antibody, followed by an alkaline phosphatase conjugated streptavidin.



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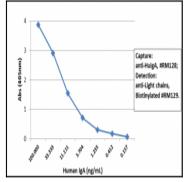


Figure 3: Sandwich ELISA using Clone: RM128 as the capture antibody (100 ng/well), and Biotinylated anti-human light chains (Kappa+ Lambda) antibody Clone: RM129 as the detection antibody, followed by an alkaline phosphatase conjugated streptavidin.

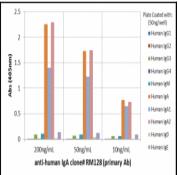


Figure 4: ELISA of human immunoglobulins shows Clone: RM128 reacts to both Human IgA1 & IgA2. No cross reactivity with Human IgG, IgM, IgD, or IgE. The plate was coated with 50 ng/well of different immunoglobulins. 200 ng/mL, 50 ng/mL, or 10 ng/mL of Clone: RM128 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.

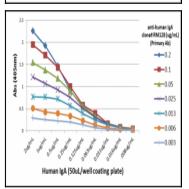


Figure 5: A titer ELISA using Clone: RM128. The plate was coated with different amounts of human IgA. A serial dilution of Clone: RM128 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.