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10-9523-B: Biotinylated Recombinant Rabbit Monoclonal Antibody to Human IgA1 (Clone: RM124)(Discontinued)

Clonality :	Monoclonal
Clone Name :	RM124
Application :	ICC,IHC,FACS,ELISA
Reactivity :	Human
Conjugate :	Biotin
Gene :	IGHA1
Gene ID :	3493
Uniprot ID :	P01876
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 RM124 reacts to human IgA1, and very slightly cross reacts with IgA2. No cross reactivity with human IgG, IgM, IgD, or IgE. ELISA: 50ng/well Ã□â□□ 200ng/well (for Capture); 0.05 Ã□Âµg/ml Ã□â□□ 0.2 Ã□Âµg/ml (for Detection); Immunocytochemistry (ICC): 0.5 Ã□Âµg/ml-2 Ã□Âµg/ml; Immunohistochemistry (IHC): 0.1 Ã□Âµg/ml-1 Ã□Âµg/ml.

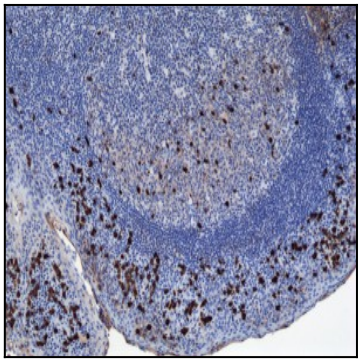

Figure 1: Immunohistochemistry of Human Tonsil Tissue using Anti-Human IgA1 antibody Clone: RM124.

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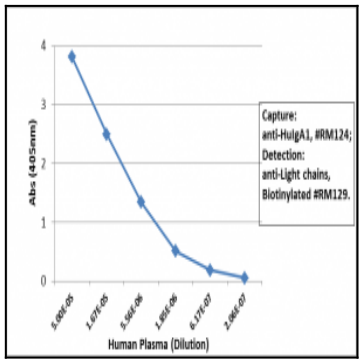

Figure 2: Sandwich ELISA using Clone: RM124 as the capture antibody (100 ng/well), and Biotinylated anti-human light chains (Kappa+ Lambda) antibody Clone: RM129 as the detection antibody, followed by an alkaline phosphatase conjugated streptavidin.

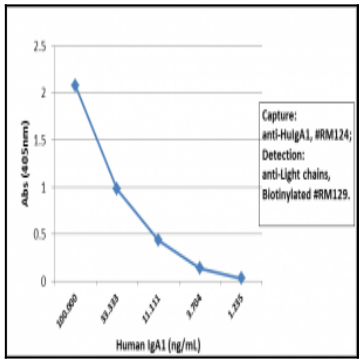

Figure 3: Sandwich ELISA using Clone: RM124 as the capture antibody (100 ng/well), and Biotinylated anti-human light chains (Kappa+ Lambda) antibody Clone: RM129 as the detection antibody, followed by an alkaline phosphatase conjugated streptavidin.

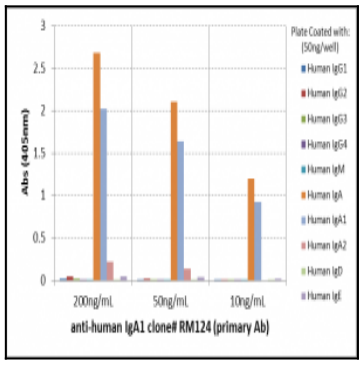

Figure 4: ELISA of human immunoglobulins shows Clone: RM124 reacts only to Human IgA. Very slightly cross reacts with IgA2. No cross reactivity with Human IgG, IgM, IgD, or IgE. The plate was coated with 50 ng/well of different immunoglobulins. 200 ng/mL, 50 ng/mL, or 10 ng/mL of Clone: RM124 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.

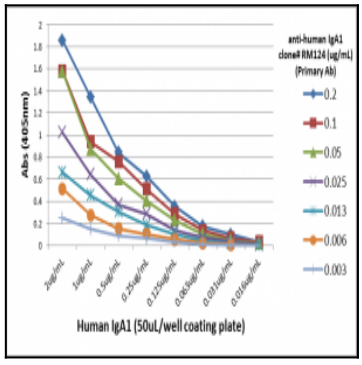

Figure 5: A titer ELISA using Clone: RM124. The plate was coated with different amounts of human IgA1. A serial dilution of Clone: RM124 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.