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10-9522: 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
Gene ID :	3493/3494
Uniprot ID :	P01876/P01877
Format :	Purified
Alternative Name :	IGHA1
Isotype :	Rabbit IgG
Immunogen Information :	Human IgA

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 RM128 reacts to human IgA, including both IgA1 and IgA2. No cross reactivity with human IgG, IgM, IgD, or IgE. ELISA: 50ng/well Â– 200ng/well (for Capture); 0.05 Âµg/ml Â– 0.2 Âµg/ml (for Detection); Immunocytochemistry (ICC): 0.5 Âµg/ml-2 Âµg/ml; Immunohistochemistry (IHC): 0.1 Âµg/ml-1 Âµg/ml.

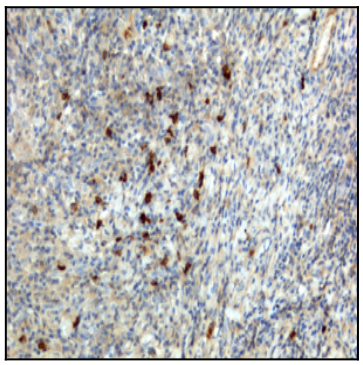

Figure 1: Immunohistochemistry of Human Lymphoid Tissue using anti-Human IgA antibody Clone: RM128.

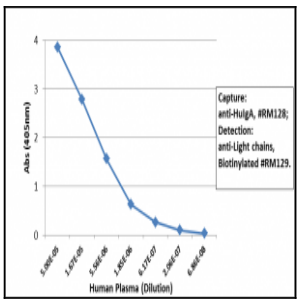

Figure 2: Sandwich ELISA using Clone: RM128 as the capture antibody (100 ng/well), and Biotinylated anti-human light chains (Kappa+ Lambda) antibody Clone: RM129 as the detection antibody, followed by an alkaline phosphatase conjugated streptavidin.

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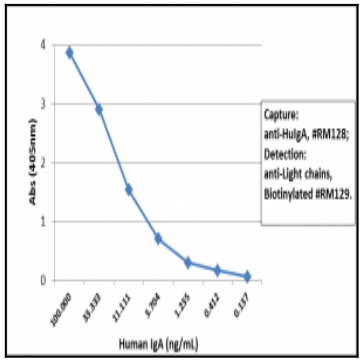

Figure 3: Sandwich ELISA using Clone: RM128 as the capture antibody (100 ng/well), and Biotinylated anti-human light chains (Kappa+ Lambda) antibody Clone: RM129 as the detection antibody, followed by an alkaline phosphatase conjugated streptavidin.

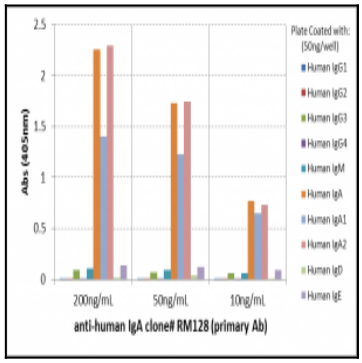

Figure 4: ELISA of human immunoglobulins shows Clone: RM128 reacts to both Human IgA1 & IgA2. No cross reactivity with Human IgG, IgM, IgD, or IgE. The plate was coated with 50 ng/well of different immunoglobulins. 200 ng/mL, 50 ng/mL, or 10 ng/mL of Clone: RM128 was used as the primary antibody. An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

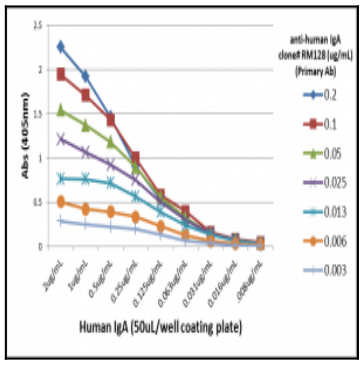

Figure 5: A titer ELISA using Clone: RM128. The plate was coated with different amounts of human IgA. A serial dilution of Clone: RM128 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.