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10-9526: Recombinant Rabbit Monoclonal Antibody to Human IgE (Clone: RM122)(Discontinued)

Clonality :	Monoclonal
Clone Name :	RM122
Application :	ICC,IHC,FACS,ELISA
Reactivity :	Human
Gene :	IGHE
Gene ID :	3497
Uniprot ID :	P01854
Format :	Purified
Alternative Name :	IGHE
Isotype :	Rabbit IgG
Immunogen Information :	Human IgE

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 RM122 reacts to human IgE. No cross reactivity with human IgG, IgM, IgD, or IgA. ELISA: 10ng/well Ã□â□□ 100ng/well (for Capture); 0.01 Ã□Âµg/ml Ã□â□□ 0.1 Ã□Âµg/ml (for Detection); Immunocytochemistry (ICC): 0.5 Ã□Âµg/ml-2 Ã□Âµg/ml; Immunohistochemistry (IHC): 0.5 Ã□Âµg/ml-2 Ã□Âµg/ml.

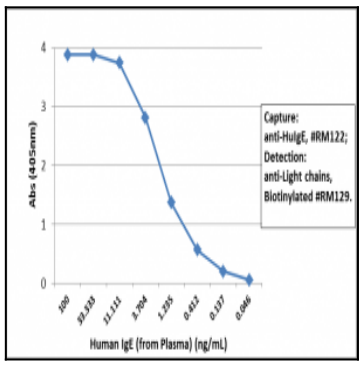

Figure 1: Sandwich ELISA using Clone: RM122 as the capture antibody (25 ng/well), and Biotinylated anti-human light chains (Kappa+ Lambda) antibody Clone: RM129 as the detection antibody, followed by an alkaline phosphatase conjugated streptavidin.

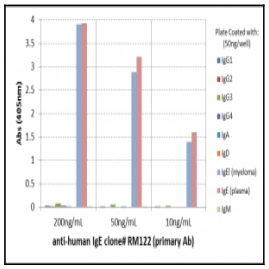

Figure 2: ELISA of human immunoglobulins shows Clone: RM122 reacts only to human IgE Lambda from human myeloma plasma and the IgE from human plasma. No cross reactivity with Human IgG, IgM, IgD, or IgA. The plate was coated with 50 ng/well of different immunoglobulins. 200 ng/mL, 50 ng/mL or 10 ng/mL of Clone: RM122 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.

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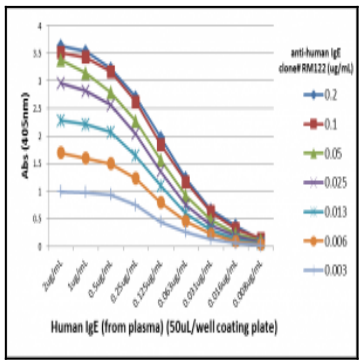

Figure 3: A titer ELISA using Clone: RM122. The plate was coated with different amounts of human IgE. A serial dilution of Clone: RM122 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.