

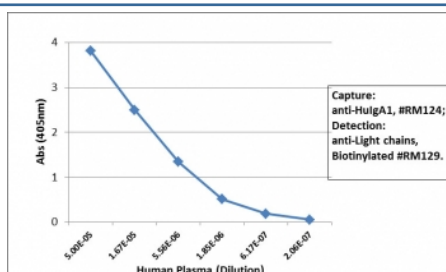
Recombinant Human IgA1 Antibody [clone RM124] (R20183)

Catalog No.	Formulation	Size
R20183-100UG	1 mg/ml in PBS with 50% glycerol, 1% BSA and 0.09% sodium azide	100 ug

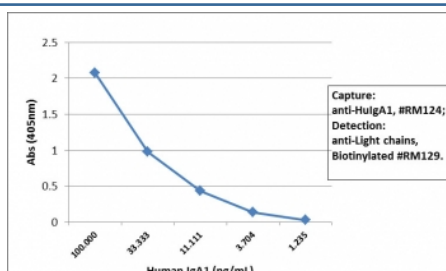
Recombinant **RABBIT MONOCLONAL**

[Bulk quote request](#)

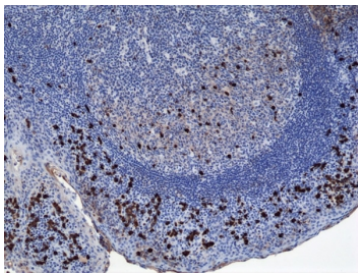
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	RM124
Purity	Protein A purified from animal origin-free supernatant
UniProt	P01876
Gene ID	3493
Applications	ELISA : 50ng/well-200ng/well (Capture); 0.05-0.2ug/ml (Detection) Immunocytochemistry : 0.5-2ug/ml Immunohistochemistry : 0.1-1ug/ml
Limitations	This recombinant Human IgA1 antibody is available for research use only.



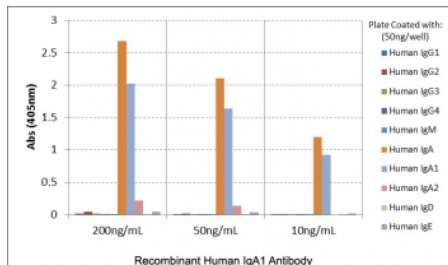
Sandwich ELISA of human plasma using the recombinant human plasma antibody as the capture (100ng/well), and [recombinant-human-ig-light-chains-antibody-rabbit-mono-clonal-r20180btn](#) biotinylated anti-human light chains (κ+λ) antibody clone RM129 as the detect, followed by an alkaline phosphatase conjugated streptavidin.



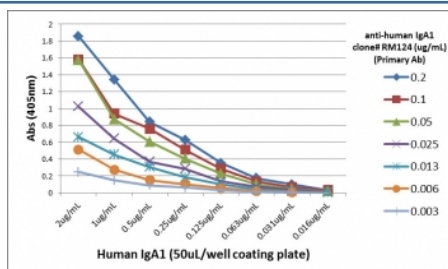
Sandwich ELISA of human IgA1 using the recombinant Human IgA1 antibody as the capture (100ng/well), and [recombinant-human-ig-light-chains-antibody-rabbit-mono-clonal-r20180btn](#) biotinylated anti-human light chains (κ+λ) antibody clone RM129 as the detect, followed by an alkaline phosphatase conjugated streptavidin.



IHC testing of FFPE human tonsil tissue with recombinant Human IgA1 antibody. A pH6 Citrate buffer or pH9 Tris/EDTA buffer HIER step is recommended for testing of FFPE tissue sections.



ELISA of human immunoglobulins shows the recombinant Human IgA1 antibody reacts only to IgA. Very slightly cross reacts with IgA2. No cross reactivity with IgG, IgM, IgD, or IgE.



ELISA Titration: the plate was coated with different amounts of human IgA1. A serial dilution of recombinant Human IgA1 antibody was used as the primary and an alkaline phosphatase conjugated anti-rabbit IgG as the secondary.

Description

This recombinant Human IgA1 antibody reacts to human IgA1, and very slightly cross reacts with IgA2. No cross reactivity with human IgG, IgM, IgD, or IgE.

Application Notes

The stated application concentrations are suggested starting points. Titration of the recombinant Human IgA1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Human IgA was used as the immunogen for this recombinant Human IgA1 antibody.

Storage

Store the recombinant Human IgA1 antibody at -20oC (with glycerol) or aliquot and store at -20oC (without glycerol).