

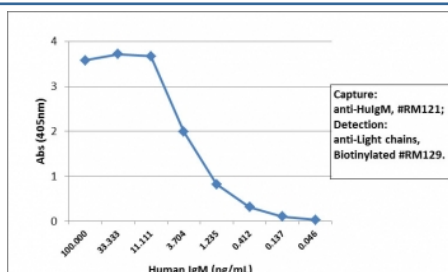
Recombinant Human IgM Antibody (Biotin Conjugate) [clone RM121] (R20181BTN)

Catalog No.	Formulation	Size
R20181BTN-50UG	1 mg/ml in PBS with 50% glycerol, 1% BSA and 0.09% sodium azide	50 ug

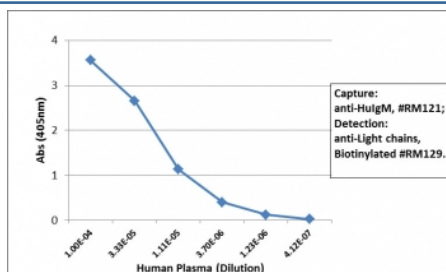
Recombinant **RABBIT MONOCLONAL**

[Bulk quote request](#)

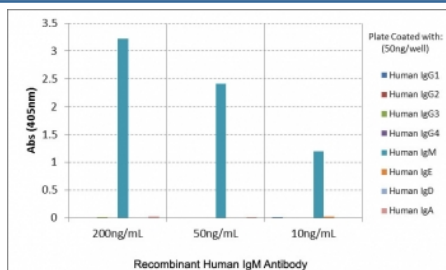
Availability	1-3 business days
Species Reactivity	Human
Format	Biotin Conjugate
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	RM121
Purity	Protein A purified from animal origin-free supernatant
UniProt	P01871
Gene ID	3507
Applications	ELISA : 50ng/well-200ng/well (Capture); 0.05-0.2ug/ml (Detection) Immunocytochemistry : 0.5-2ug/ml Immunohistochemistry : 0.5-2ug/ml (1)
Limitations	This recombinant Human IgM antibody is available for research use only.



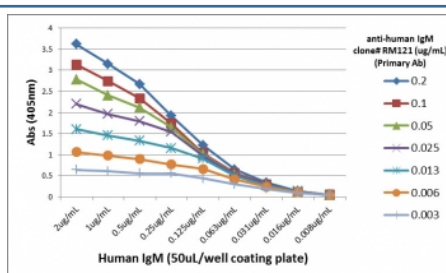
Sandwich ELISA of human IgM using the recombinant Human IgM antibody as the capture (100ng/well), and biotinylated [anti-human light chains \(κ+λ\) antibody RM129](#) as the detect, followed by an alkaline phosphatase conjugated streptavidin.



Sandwich ELISA of human plasma using the recombinant Human IgM antibody as the capture (100ng/well), and biotinylated [anti-human-ig-light-chains-antibody-rabbit-monoclonal-r20180btn](#) anti-human light chains (#954;+λ) antibody RM129 as the detect, followed by an alkaline phosphatase conjugated streptavidin.



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



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

Description

This recombinant Human IgM antibody reacts to the heavy chain of human IgM. No cross reactivity with human IgG, IgA, IgD, or IgE.

Application Notes

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

1. A pH6 Citrate buffer or pH9 Tris/EDTA buffer HIER step is recommended for testing of FFPE tissue sections.

Immunogen

Human IgM was used as the immunogen for this recombinant Human IgM antibody.

Storage

Store the recombinant Human IgM antibody at -20oC.

