

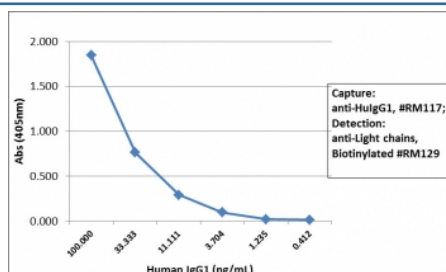
Recombinant Human IgG1 Antibody (Biotin Conjugate) [clone RM117] (R20187BTN)

Catalog No.	Formulation	Size
R20187BTN-50UG	1 mg/ml in PBS with 50% glycerol, 1% BSA and 0.09% sodium azide	50 ug

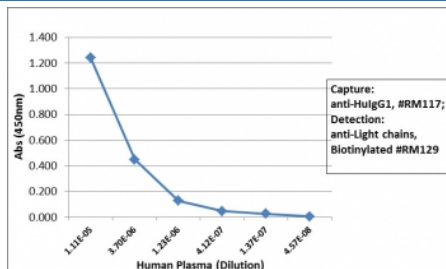
Recombinant **RABBIT MONOCLONAL**

[Bulk quote request](#)

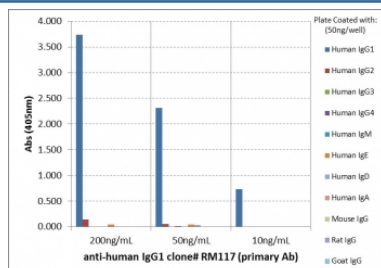
Availability	1-3 business days
Species Reactivity	Human
Format	Biotin Conjugate
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	RM117
Purity	Protein A purified from animal origin-free supernatant
UniProt	P01857
Gene ID	3500
Applications	ELISA : 50ng/well-200ng/well (Capture); 0.05-0.2ug/ml (Detection) Immunocytochemistry : 0.5-2ug/ml Immunohistochemistry : 0.5-2ug/ml (1)
Limitations	This recombinant Human IgG1 antibody is available for research use only.



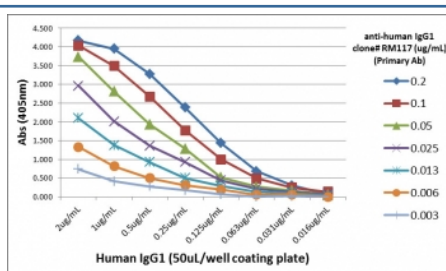
Sandwich ELISA with human IgG1 using recombinant Human IgG1 antibody as the capture, and [anti-human IgG1 antibody](#) as the detect, followed by an AP conjugated streptavidin.



Sandwich ELISA with human plasma using recombinant Human IgG1 antibody as the capture, and <https://www.abcam.com/products/anti-human-light-chains-antibody-rabbit-monoclonal-r20180btn> biotinylated anti-human light chains (κ+λ) antibody RM129 as the detect, followed by an AP conjugated streptavidin.



ELISA of hlgGs shows recombinant Human IgG1 antibody only reacted to hlgG1. No cross reactivity with IgG2, IgG3, IgG4, IgE, IgD, IgA, or mouse/rat/goat IgG.



ELISA Titration: the plate was coated with different amounts of human IgG1. A serial dilution of recombinant Human IgG1 antibody was used as the primary and an alkaline phosphatase conjugated anti-rabbit IgG as the secondary.

Description

This recombinant Human IgG1 antibody reacts to the heavy chain of human IgG1. No cross reactivity with human IgG2, IgG3, IgG4, IgM, IgA, IgD, IgE, mouse/rat/goat IgG.

Application Notes

The stated application concentrations are suggested starting points. Titration of the recombinant Human IgG1 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

Peptide corresponding to the hinge region of human IgG1 was used as the immunogen for this recombinant Human IgG1 antibody.

Storage

Store the recombinant Human IgG1 antibody at -20oC.

