

Product datasheet

Rabbit monoclonal [RM118] Anti-Human IgG2 heavy chain (Biotin) ab272184

Recombinant

4 Images

Overview

Product name	Rabbit monoclonal [RM118] Anti-Human IgG2 heavy chain (Biotin)
Host species	Rabbit
Target species	Human
Specificity	ab272184 reacts to the heavy chain of human IgG2. No cross reactivity with human IgG1, IgG3, IgG4, IgM, IgA, IgD, IgE, mouse IgG, rat IgG, or goat IgG.
Tested applications	Suitable for: ELISA
Immunogen	Full length protein corresponding to Human IgG2.
Conjugation	Biotin

Properties

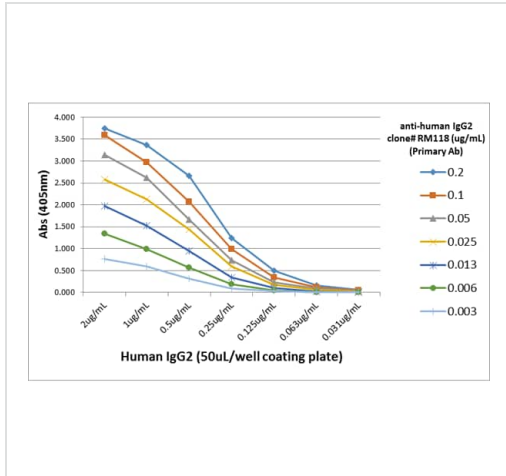
Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Store In the Dark.
Storage buffer	Preservative: 0.09% Sodium azide Constituents: 50% Glycerol (glycerin, glycerine), 1% BSA
Purity	Protein A purified
Purification notes	From an animal origin-free culture supernatant.
Clonality	Monoclonal
Clone number	RM118
Isotype	IgG

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab272184 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

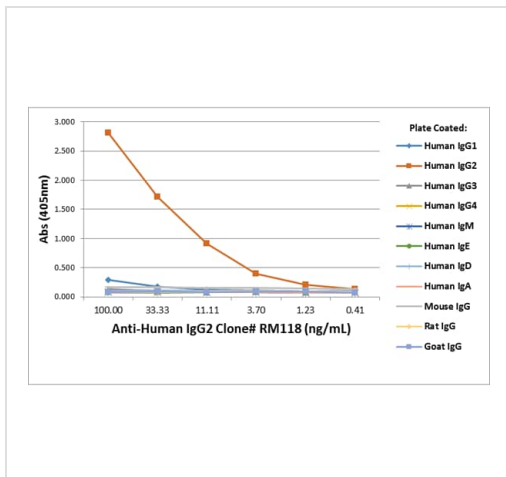
Application	Abreviews	Notes
ELISA		Use at an assay dependent concentration. Capture: 50ng/well – 200ng/well Detection: 0.05ug/mL – 0.2ug/mL

Images



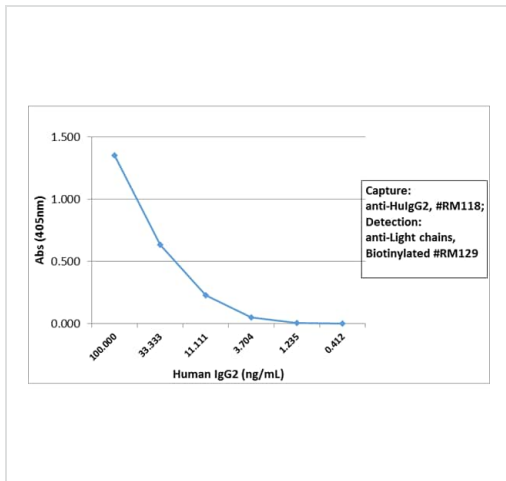
ELISA - Rabbit monoclonal RM118 Anti-Human IgG heavy chain (Biotin) (ab272184)

A titer ELISA using ab272184. The plate was coated with different amounts of human IgG2. A serial dilution of ab272184 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG was used as the secondary antibody.



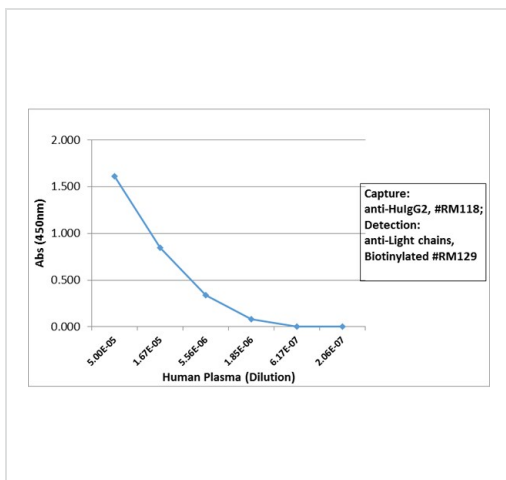
ELISA - Rabbit monoclonal RM118 Anti-Human IgG heavy chain (Biotin) (ab272184)

ELISA of human immunoglobulins shows ab272184 only reacted to human IgG2. No cross reactivity with Human IgG1, IgG3, IgG4, IgE, IgD, IgA, mouse IgG, rat IgG, or goat IgG. The plate was coated with 50 ng/well of different immunoglobulins. A serial dilution of ab272184 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.



Sandwich ELISA - Rabbit monoclonal RM118 Anti-Human IgG heavy chain (Biotin) (ab272184)

Sandwich ELISA using ab272184 as the capture antibody, and a Biotinylated anti-human light chains ($\kappa + \lambda$) antibody [ab193185](#) as the detection antibody, followed by an AP conjugated streptavidin.



Sandwich ELISA - Rabbit monoclonal RM118 Anti-Human IgG heavy chain (Biotin) (ab272184)

Sandwich ELISA using ab272184 as the capture antibody, and a Biotinylated anti-human light chains ($\kappa + \lambda$) antibody [ab193185](#) as the detection antibody, followed by an AP conjugated streptavidin.

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