

Product Datasheet

IgG1 Antibody (RM117) NBP2-62028

Unit Size: 100 ug

Store at -20C. Avoid freeze-thaw cycles.

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Publications: 1

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NBP2-62028

IgG1 Antibody (RM117)

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	RM117
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	50% Glycerol/PBS, 1% BSA

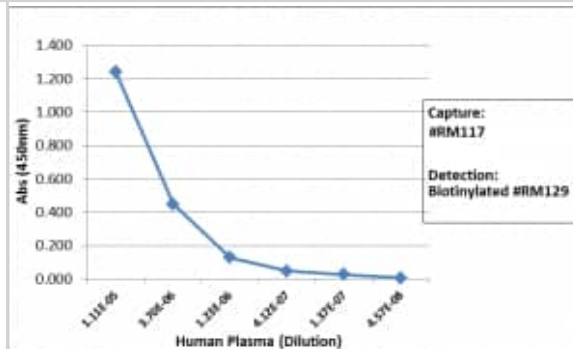
Product Description	
Description	Novus Biologicals Rabbit IgG1 Antibody (RM117) (NBP2-62028) is a recombinant monoclonal antibody validated for use in IHC, ELISA, Flow, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Species	Human
Specificity/Sensitivity	This antibody reacts to the heavy chain of human IgG1. It does not cross react to any other IgG subclasses (IgG2, IgG3, or IgG4), and shows no cross reactivity to IgM, IgA, IgD, IgE. This antibody does not react to monkey (Cyno or Rhesus) IgG, mouse IgG, rat IgG, or goat IgG.
Immunogen	Peptide corresponding to the hinge region of Human IgG1

Product Application Details	
Applications	Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Sandwich ELISA Capture, Sandwich ELISA Detection
Recommended Dilutions	Flow Cytometry 2ug/ml-8ug/ml, ELISA, Immunohistochemistry 0.5ug/ml - 2ug/ml, Immunocytochemistry/ Immunofluorescence 0.5ug/ml - 2ug/ml, Immunohistochemistry-Paraffin 0.5ug/ml - 2ug/ml, Sandwich ELISA Capture 50 - 200ng/well, Sandwich ELISA Detection 0.05 - 0.2ug/ml

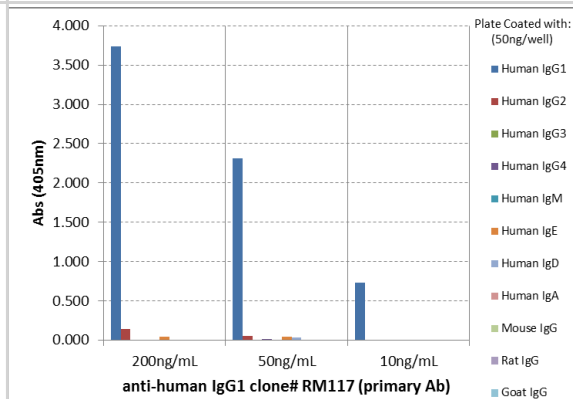


Images

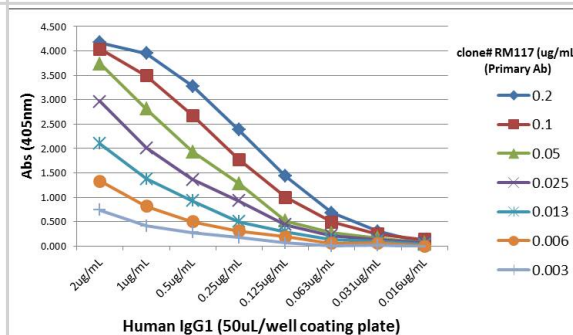
Sandwich ELISA: IgG1 Antibody (RM117) - Azide and BSA Free [NBP2-62028] - Sandwich ELISA using RM117 as the capture antibody, and NBP3-18532 as the detection antibody, followed by an AP conjugated streptavidin.



ELISA: IgG1 Antibody (RM117) - Azide and BSA Free [NBP2-62028] - ELISA of human immunoglobulins shows RM117 only reacts to human IgG1. No cross reactivity with Human IgG2, IgG3, IgG4, IgE, IgD, IgA, mouse IgG, rat IgG, or goat IgG. The plate was coated with 50 ng/well of different immunoglobulins. 200 ng/mL, 50 ng/mL, or 10 ng/mL of RM117 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.



ELISA: IgG1 Antibody (RM117) - Azide and BSA Free [NBP2-62028] - A titer ELISA using RM117. The plate was coated with different amounts of human IgG1. A serial dilution of RM117 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.



Publications

Gobin J Assessment of High Purity Mesenchymal Stromal Cells Derived Extracellular Vesicles Presenting NRP1 Show Functional Suppression of Activated Immune Cells Thesis 2022-01-01 (IP, Human)



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Products Related to NBP2-62028

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
MAB002	Mouse IgG1 Isotype Control (11711) [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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