

Product Datasheet

IgG1 Antibody (RM117) - Azide and BSA Free NBP3-25974

Unit Size: 100 ug

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

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP3-25974

Updated 9/12/2024 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP3-25974



NBP3-25974

IgG1 Antibody (RM117) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	RM117
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS

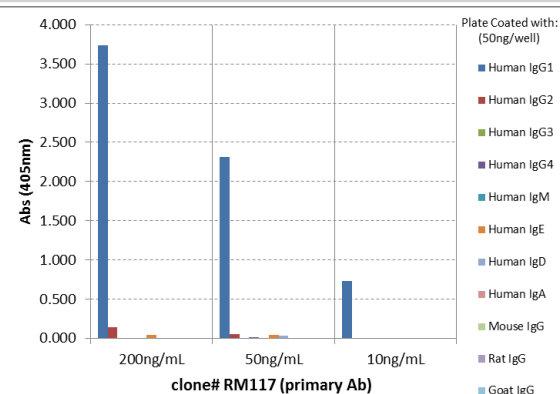
Product Description	
Host	Rabbit
Species	Human
Specificity/Sensitivity	This antibody reacts to the heavy chain of human IgG1. It does not cross react to any other IgG subclasses (IgG2, IgG3, or IgG4), and shows no cross reactivity to IgM, IgA, IgD, IgE. This antibody does not react to monkey (Cyno or Rhesus) IgG, mouse IgG, rat IgG, or goat IgG.
Immunogen	Peptide corresponding to the hinge region of Human IgG1

Product Application Details	
Applications	ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, 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

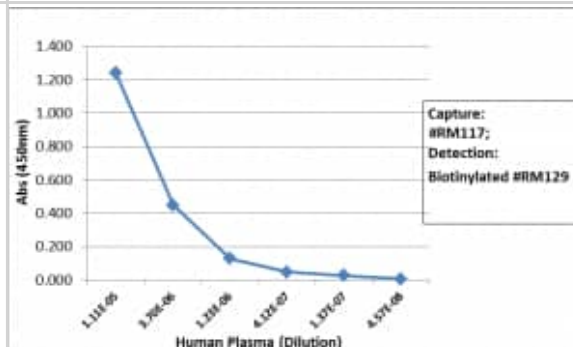


Images

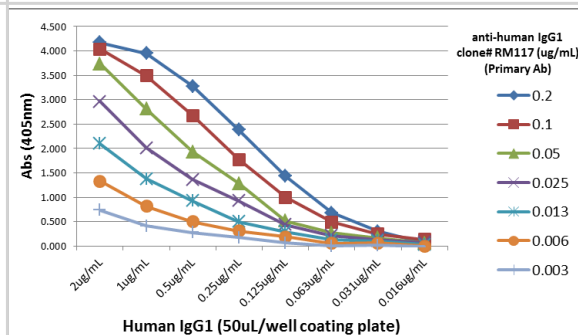
ELISA: IgG1 Antibody (RM117) - Azide and BSA Free [NBP3-25974] - ELISA of human immunoglobulins shows RM117 only reacts to human IgG1. No cross reactivity with Human IgG2, IgG3, IgG4, IgE, IgD, IgA, mouse IgG, rat IgG, or goat IgG. The plate was coated with 50 ng/well of different immunoglobulins. 200 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.



Sandwich ELISA: IgG1 Antibody (RM117) - Azide and BSA Free [NBP3-25974] - 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 [NBP3-25974] - 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.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP3-25974

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

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP3-25974

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

