

# Product Datasheet

## Apolipoprotein A5 Antibody (1G5G9) - BSA Free NB110-55454

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**NB110-55454**

Apolipoprotein A5 Antibody (1G5G9) - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1.9 mg/ml
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1G5G9
Preservative	0.1% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	41 kDa

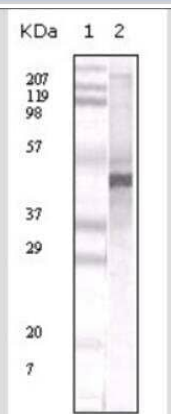
Product Description	
Description	Novus Biologicals Mouse Apolipoprotein A5 Antibody (1G5G9) - BSA Free (NB110-55454) is a monoclonal antibody validated for use in IHC, WB, ELISA and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	116519
Gene Symbol	APOA5
Species	Human
Immunogen	Ni-NTA purified full-length recombinant human Apolipoprotein A5 expressed in E. Coli strain BL21 (DE3). [UniProt# Q6Q788]

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunohistochemistry, CyTOF-ready, ICC/IF (Negative)
Recommended Dilutions	Western Blot 0.5 ug/ml, Flow Cytometry 1 ug per million cells, ELISA 1:100-1:2000, Immunohistochemistry 5 ug/ml, Immunohistochemistry-Paraffin 5 ug/ml, ICC/IF (Negative), CyTOF-ready
Application Notes	This Apolipoprotein A5 antibody is useful in ELISA, Immunohistochemistry paraffin embedded sections and Western blot. The observed molecular weight of the protein may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors. This antibody is CyTOF ready.

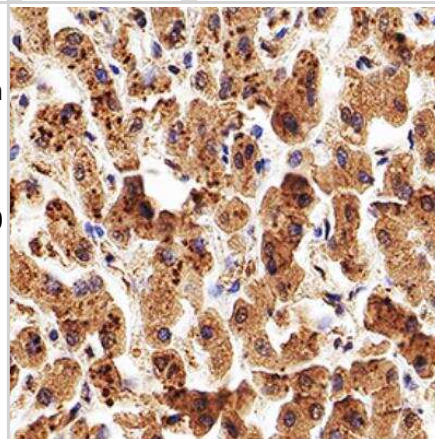


## Images

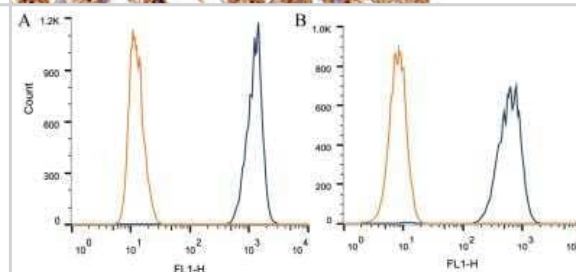
Western Blot: Apolipoprotein A5 Antibody (1G5G9) [NB110-55454] - Analysis in human serum total protein (lane 2). Lane 1 is a MW standard.



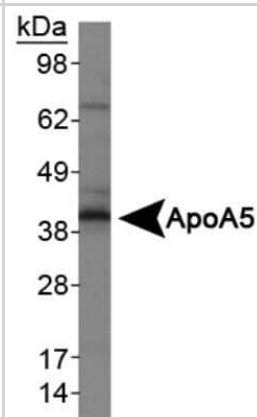
Immunohistochemistry-Paraffin: Apolipoprotein A5 Antibody (1G5G9) [NB110-55454] - IHC analysis of a formalin fixed paraffin-embedded (FFPE) human liver using 5 ug/ml conc. of Apolipoprotein A5 antibody on a Bond Rx autostainer (Leica Biosystems). The assay involved 20 minutes of heat induced antigen retrieval (HIER) using 10mM sodium citrate buffer (pH 6.0) and endogenous peroxidase quenching with peroxide block. The sections were incubated with primary antibody for 30 minutes and Bond Polymer Refine Detection (Leica Biosystems) with DAB was used for signal development followed by counterstaining with hematoxylin. Whole slide scanning and capturing of representative images was performed using Aperio AT2 (Leica Biosystems). Cytoplasmic staining of Apolipoprotein A5 in hepatocytes was observed. Staining was performed by Histowiz.



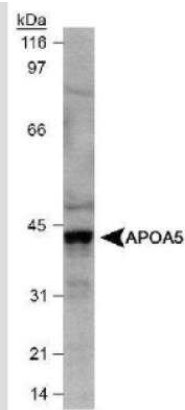
Flow Cytometry: Apolipoprotein A5 Antibody (1G5G9) [NB110-55454] - Intracellular flow cytometric staining of  $1 \times 10^6$  CHO (A) and HEK-293 (B) cells using Apolipoprotein A5 antibody (dark blue). Isotype control shown in orange. An antibody concentration of 1 ug/ $1 \times 10^6$  cells was used.



Western Blot: Apolipoprotein A5 Antibody (1G5G9) [NB110-55454] - Analysis of ApoA5 in HepG2 lysates



Western Blot: Apolipoprotein A5 Antibody (1G5G9) [NB110-55454] -  
Detection of Apo A5 in HepG2 cell lysate.





### **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 NB110-55454**

NBL1-07611	Apolipoprotein A5 Overexpression Lysate
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

### **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.

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