

# Product Datasheet

## Goat anti-Human IgG (H+L) Secondary Antibody (Pre-adsorbed) NB7487

Unit Size: 1 ml

Store at 4C. Do not freeze.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

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**NB7487****Goat anti-Human IgG (H+L) Secondary Antibody (Pre-adsorbed)**

<b>Product Information</b>	
<b>Unit Size</b>	1 ml
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Phosphate Buffered Saline (PBS)

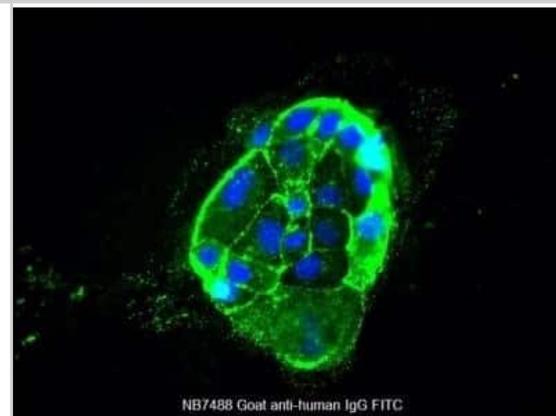
<b>Product Description</b>	
<b>Description</b>	Antiserum was cross adsorbed using a monkey immunosorbent to remove cross reactive antibodies. The antibody to human IgG was isolated by affinity chromatography using antigen coupled to agarose beads.
<b>Host</b>	Goat
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	By immunoelectrophoresis and ELISA this Goat anti-Human IgG (H+L) Secondary Antibody (Pre-adsorbed) reacts specifically with human IgG and with light chains common to other human immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. Antiserum was cross adsorbed using a rhesus and cynomolgus monkey immunosorbent to remove cross reactive Antibodies. Less than 0.1% cross reactivity to monkey IgG was detected. This antibody may cross react with IgG from other species.
<b>Immunogen</b>	This Goat anti-Human IgG (H+L) Secondary Antibody (Pre-adsorbed) was developed against human IgG-heavy and light chain.
<b>Notes</b>	Antiserum was cross adsorbed using a monkey immunosorbent to remove cross reactive antibodies. The antibody to human IgG was isolated by affinity chromatography using antigen coupled to agarose beads.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:1000-1:10000, ELISA 1:1000-1:20000; for coating plates 1:50-1:250, Immunohistochemistry 1:200- 1:2000, Immunocytochemistry/Immunofluorescence 1:200- 1:2000, Immunohistochemistry-Paraffin 1:200-1:2000



## Images

Human cell line stained with humanized primary antibody and detected with NB7488 Goat anti-Human IgG (H+L) Secondary Antibody (Pre-adsorbed). Image from verified customer review. Image using the FITC format of this antibody.



## Publications

Zost SJ, Gilchuk P, Case JB et al. Potently neutralizing and protective human antibodies against SARS-CoV-2 Nature 2020-08-20 [PMID: 32668443]

Clement CC, Osan J, Buque A et al. PDIA3 epitope-driven immune autoreactivity contributes to hepatic damage in type 2 diabetes Science immunology 2022-08-12 [PMID: 35984892]

Details:

1:1000 dilution in PBS

Oyama y, Shuff SR, Burns N et al. Intense light elicited alveolar type 2 specific circadian PER2 protects from bacterial lung injury via BPIFB1 American journal of physiology. Lung cellular and molecular physiology 2022-03-10 [PMID: 35272486] (WB)

Gilchuk P, Bombardi RG, Erasmus JH et al. Integrated pipeline for the accelerated discovery of antiviral antibody therapeutics Nat Biomed Eng 2020-08-05 [PMID: 32747832]

Details:

Citation using the HRP format of this antibody.

Zheng C, Toth J, Bigwarfe T et al. Non-neutralizing antibodies increase endogenous circulating Ang1 levels MAb 2018-09-11 [PMID: 30199300] (ELISA)

Oyama Y, Bartman CM, Bonney S et al. Intense Light-Mediated Circadian Cardioprotection via Transcriptional Reprogramming of the Endothelium Cell Rep 2019-08-08 [PMID: 31390562] (WB)

Yang D, Giragossian C, Castellano S et al. Maximizing in vivo target clearance by design of pH-dependent target binding antibodies with altered affinity to FcRn MAb 2017-08-09 [PMID: 28786732] (ELISA)

Santostefano MJ, Kirchner J, Vissinga C et al. Off-target platelet activation in macaques unique to a therapeutic monoclonal antibody. Toxicol Pathol. 2012-08-01 [PMID: 22552394]

Details:

This citation used the FITC form of this 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

### **Limitations**

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

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