

# Product Datasheet

## His Tag Antibody (AD1.1.10) - Non-Recombinant Monoclonal NB100-64768

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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



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

**Reviews: 2 Publications: 5**

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NB100-64768](http://www.novusbio.com/NB100-64768)

Updated 8/29/2023 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NB100-64768](http://www.novusbio.com/reviews/destination/NB100-64768)



**NB100-64768**

His Tag Antibody (AD1.1.10) - Non-Recombinant Monoclonal

Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	AD1.1.10
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS

Product Description	
Host	Mouse
Species	Epitope Tag
Reactivity Notes	6x His Tag specific
Immunogen	This His Tag Antibody (AD1.1.10) - Non-Recombinant Monoclonal was developed against PAX6 transcription factor linked to histidine tag.

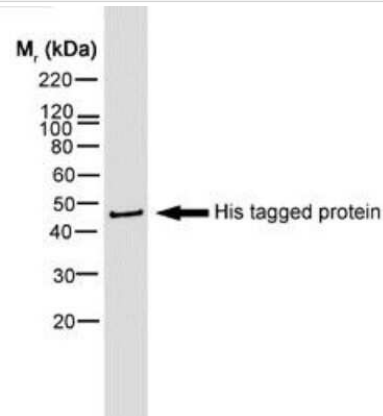
Product Application Details	
Applications	Western Blot, Simple Western, ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, In vitro assay, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000, Simple Western 1:250, Flow Cytometry 1:10 - 1:50, ELISA 1:100 - 1:500, Immunohistochemistry 1:100 - 1:300, Immunoprecipitation 1:10 - 1:500, Immunohistochemistry-Frozen 1:100 - 1:300, In vitro assay
Application Notes	This antibody is routinely tested in WB using Histidine-tagged recombinant proteins. In Simple Western only 10 - 15 $\mu$ L of the recommended dilution is used per data point. Separated by Size-Wes, Sally Sue/Peggy Sue.

**Images**

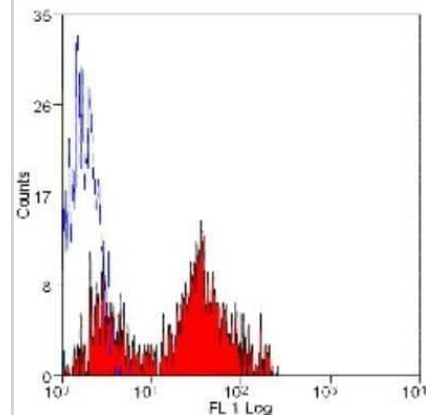
Simple Western: His Tag Antibody (AD1.1.10) [NB100-64768] - Image shows a specific band for 6-His Epitope Tag in 0.1 mg/mL of rhEDG6 CHO S Tx lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system.



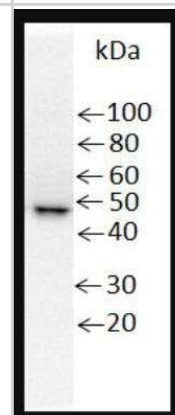
Western Blot: His Tag Antibody (AD1.1.10) [NB100-64768] - Analysis using the Biotin conjugate of NB100-64768. Detection of HIS tagged protein probed with mouse anti histidine tag : Biotin and visualised with Streptavidin : HRP.



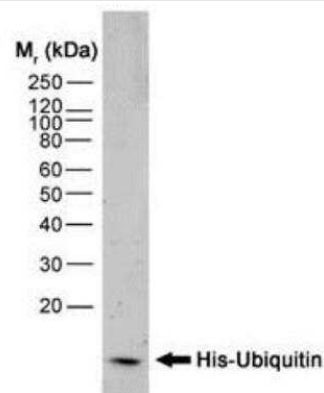
Flow Cytometry: His Tag Antibody (AD1.1.10) [NB100-64768] - Analysis using the FITC conjugate of NB100-64768. Staining of Human anti-human CD5 (HuCAL dHLX antibody with HIS tag) human peripheral blood lymphocytes, visualised with FITC conjugated Mouse anti-HIS tag antibody



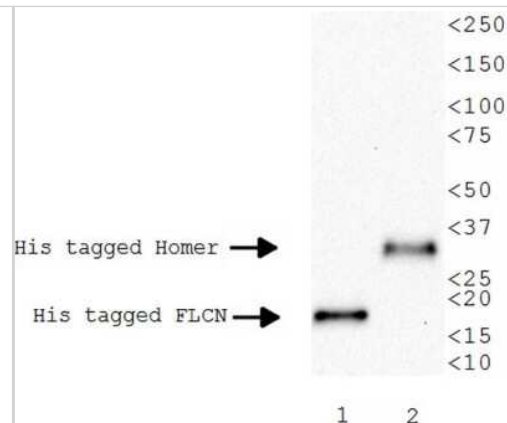
Western Blot: His Tag Antibody (AD1.1.10) [NB100-64768] - Drosophila, 20 ug whole cell lysate



Western Blot: His Tag Antibody (AD1.1.10) [NB100-64768] - Analysis using the HRP conjugate of NB100-64768. Detection of His-Ubiquitin recombinant protein probed with Mouse anti Histidine Tag.



Western Blot: His Tag Antibody (AD1.1.10) [NB100-64768] - Analysis of 1) 6x-His tagged FLCN protein and 2) 6x-His tagged homer protein.



## Publications

Puerta-Guardo H, Glasner DR, Espinosa DA et al. Flavivirus NS1 Triggers Tissue-Specific Vascular Endothelial Dysfunction Reflecting Disease Tropism Cell Rep 2019-02-07 [PMID: 30726741] (ICC/IF)

Details:

Citation using the Alexa Fluor 647 format of this antibody.

Jang S, Song J, Kim N et al. Development of an antibody-like T-cell engager based on VH-VL heterodimer formation and its application in cancer therapy Biomaterials 2021-03-28 [PMID: 33774526]

Details:

Citation using the Non-Recombinant Monoclonal format of this antibody.

Kim MJ, Vargas MR, Harlan BA et al. Nitration and Glycation Turn Mature NGF into a Toxic Factor for Motor Neurons: A Role for p75(NTR) and RAGE Signaling in ALS Antioxid Redox Signal 2017-05-25 [PMID: 28537420] (IP, WB, Mouse)

Details:

Citation using the Non-Recombinant Monoclonal format of this antibody.

Dauids BJ, Liu CM, Hanson EM et al. Identification of Conserved Candidate Vaccine Antigens in the Surface Proteome of Giardia lamblia Infect Immun 2019-04-10 [PMID: 30962402] (WB, Human)

Details:

Citation using the Non-Recombinant Monoclonal format of this antibody.

Tseng FJ, Liu YK, Chung YS et al. A fusion protein composed of receptor binding domain of vascular endothelial growth factor-A and constant region fragment of antibody: angiogenesis antagonistic activity Cytotechnology 2011-04-05 [PMID: 21461946] (ELISA)

Details:

Citation using the Non-Recombinant Monoclonal format 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  
novus@novusbio.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: technical@novusbio.com  
Orders: orders@novusbio.com  
General: novus@novusbio.com

### **Products Related to NB100-64768**

---

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NB100-64768AF647	His Tag Antibody (AD1.1.10) [Alexa Fluor® 647]

---

### **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](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NB100-64768](http://www.novusbio.com/reviews/submit/NB100-64768)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

