

# Product Datasheet

## HA Tag Antibody (4810) - Azide and BSA Free NBP2-43714

Unit Size: 0.1 ml

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

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

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**NBP2-43714**

HA Tag Antibody (4810) - Azide and BSA Free

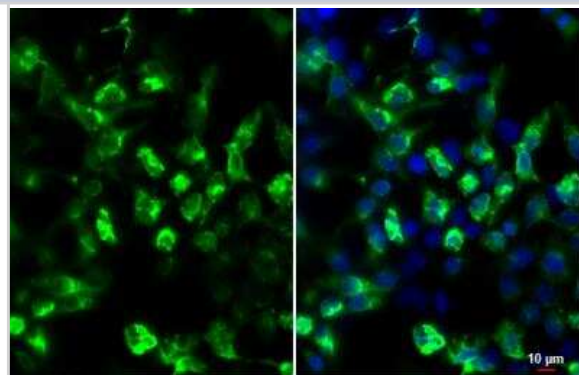
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4810
Preservative	No Preservative
Isotype	IgG2a
Purity	Protein G purified
Buffer	PBS

Product Description	
Host	Mouse
Species	Epitope Tag
Immunogen	The immunogen used to generate this antibody corresponds to HA Tag

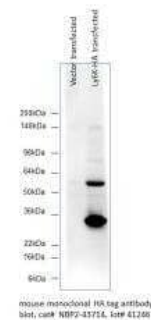
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000 - 1:10000, Flow Cytometry Validation from verified customer review, Immunocytochemistry/ Immunofluorescence 1:100 - 1:1000, Immunoprecipitation 1:100 - 1:500

**Images**

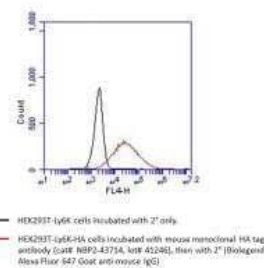
Immunocytochemistry/Immunofluorescence: HA Tag Antibody (4810) [NBP2-43714] - HA-tag tagged protein transfected 293T cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: HA stained by HA tag antibody [4810] diluted at 1:1000. Blue: Hoechst 33342 staining.



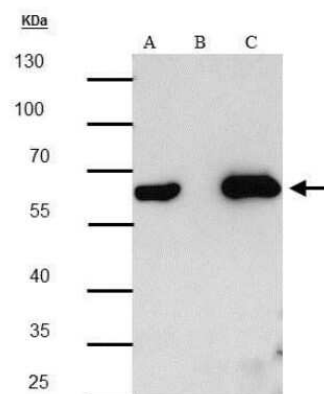
Western Blot: HA Tag Antibody (4810) [NBP2-43714] - Human HEK293T cells overexpressed with Ly6K-HA. Dution 1:1000. Western blot image submitted by a verified customer review.



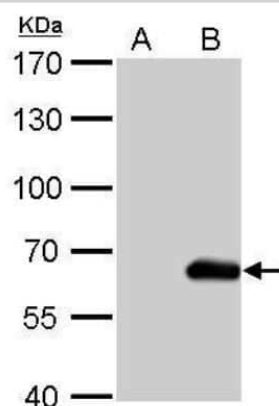
Flow Cytometry: HA Tag Antibody (4810) [NBP2-43714] - HEK293T cells overexpressed with Ly6K-HA stained with HA Epitope Tag Antibody (red) or secondary only (black). Flow cytometry image submitted from a verified customer review.



Western Blot: HA Tag Antibody (4810) [NBP2-43714] - Analysis of 293T whole cell lysate/extract A: 20 ug whole cell lysate/extract of HA tagged protein expressing 293T cells B : Control with 2.5 ug of pre-immune mouse IgG C: Immunoprecipitation of HA tagged protein by 2.5 ug of HA tagg antibody 10% SDS-PAGE. The immunoprecipitated HA tagged protein was detected by HA tag antibody [4810] diluted at 1:3000. EasyBlot anti-mouse IgG (HRP) was used as a secondary reagent.



Western Blot: HA Tag Antibody (4810) [NBP2-43714] - Analysis of A: 30 ug HeLa whole cell lysate/extract B: 30 ug whole cell lysate/extract of HA tagged protein expressing HeLa cells 5% SDS-PAGE HA tag antibody [4810] dilution: 1:5000.



## Publications

Gray D, Santos J, Keir A et al. A comparison of DNA repair pathways to achieve a site-specific gene modification of the Bruton's tyrosine kinase gene Molecular Therapy - Nucleic Acids 2022-03-01 [PMID: 35036061] (WB)

Gray DH, Villegas I, Long J et al. Optimizing Integration and Expression of Transgenic Bruton's Tyrosine Kinase for CRISPR-Cas9-Mediated Gene Editing of X-Linked Agammaglobulinemia The CRISPR journal 2021-04-01 [PMID: 33876953]

Yuan J, Ng WH, Yap J et al. The AMPK inhibitor overcomes the paradoxical effect of RAF inhibitors through blocking phospho-Ser-621 in the C terminus of CRAF J Biol Chem 2018-07-22 [PMID: 30030377] (IP)

Alsaadi R HNRNPR Variants that Impair Homeobox Gene Expression Drive Developmental Disorders in Humans Am. J. Hum. Genet. 2019-04-24 [PMID: 31079900] (WB)





### **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 NBP2-43714**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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### **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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