

# Product Datasheet

## DYKDDDDK Epitope Tag Antibody NB600-345

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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



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

**Reviews: 4   Publications: 19**

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NB600-345](http://www.novusbio.com/NB600-345)

Updated 11/11/2025 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/NB600-345](http://www.novusbio.com/reviews/destination/NB600-345)



**NB600-345****DYKDDDDK Epitope Tag Antibody**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 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>	PBS
<b>Target Molecular Weight</b>	1.01 kDa

<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit DYKDDDDK Epitope Tag Antibody - BSA Free (NB600-345) is a polyclonal antibody validated for use in IHC, WB, ELISA, ICC/IF, Simple Western and IP. Anti-DYKDDDDK Epitope Tag Antibody: Cited in 18 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Species</b>	Epitope Tag
<b>Specificity/Sensitivity</b>	DYKDDDDK Epitope Tag Antibody reacts with FLAG.
<b>Immunogen</b>	To produce DYKDDDDK Epitope Tag Antibody, Rabbits were immunized with ECS enterokinase cleavage site (xxxDDDDK) conjugated to KLH. Antibody was isolated by affinity chromatography using the peptide immobilized on solid support.
<b>Notes</b>	FLAG(R) and ANTI-FLAG(R) are registered trademarks of Sigma-Aldrich Co. LLC.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Simple Western, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:1000-1:30000, Simple Western 1:250, ELISA 1:1000-1:30000 (Primary) 1:100-1:500 (For Coating , Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100-1:400, Immunoprecipitation 1 - 4 ug/mg lysate
<b>Application Notes</b>	Use in IHC reported in scientific literature (PMID: 33219296) ELISA for coating plates 1:100 - 1:500. Use in Western Blot reported in scientific literature (PMID: 30297740). See <a href="#">Simple Western Antibody Database</a> for Simple Western validation: Abro1 NT Tx lysate at 0.1 mg/ml as sample; separated by size; antibody dilution of 1:250; matrix was 12-230 kDa; detected by Chemiluminescence.

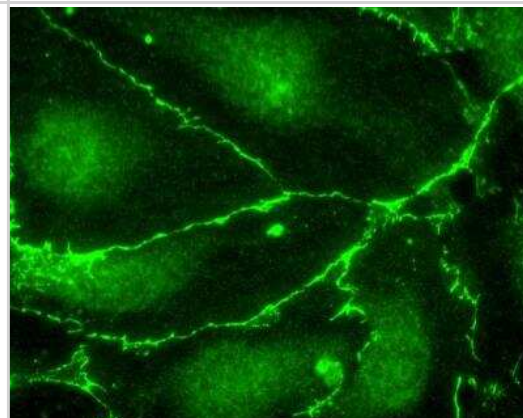


## Images

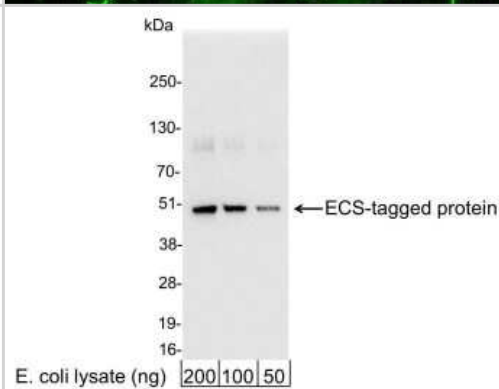
Western Blot: DYKDDDDK Epitope Tag Antibody [NB600-345] - used for Western Blot. Lane 1: Untransfected HEK (control) Lane 2: Transfected HEK (FLAG-tagged protein, clone 1) Lane 3: Transfected HEK (FLAG-tagged protein, clone 2). Image from verified customer review.



Immunocytochemistry/Immunofluorescence: DYKDDDDK Epitope Tag Antibody [NB600-345] - Samples: Human microvascular endothelial cells expressing FLAG tagged beta-catenin following transient transfection. Antibody: Affinity purified goat DYKDDDDK Epitope Tag Antibody [NB600-345] used at 1 ug/ml. Detection: FITC labeled rabbit anti-goat IgG (h+l).



Western Blot: DYKDDDDK Epitope Tag Antibody [NB600-345] - Samples: 200, 100, or 50 ng of E. coli whole cell lysate expressing a multi-tag fusion protein. Antibody: Affinity purified goat DYKDDDDK Epitope Tag Antibody [NB600-345] used for WB at 0.04 ug/ml (1:25,000). Detection: Chemiluminescence with an exposure time of 30 seconds. Observed molecular weight ~49 kDa



## Publications

Escobar A, Styrpejko DJ, Ali S, Cuajungco MP. Transmembrane 163 (TMEM163) protein interacts with specific mammalian SLC30 zinc efflux transporter family members Biochemistry and Biophysics Reports 2022-12-01 [PMID: 36204728]

Renier TJ, Paetz OR, Paal MC et al. Changing the phospholipid composition of lipid droplets alters localization of select lipid droplet proteins microPublication biology 2023-11-03 [PMID: 38021172] (SDS-Page)

Yurkovetskiy L, Guney MH, Kim k et al. Primate immunodeficiency virus proteins Vpx and Vpr counteract transcriptional repression of proviruses by the HUSH complex. Nat Microbiol. 2018-10-08 [PMID: 30297740] (WB)

Chatterjee Bhowmick D, Burnett L, Kudaibergenova Z, Jeremic AM FoxA2 and RNA Pol II mediate human islet amyloid polypeptide turnover in ER-stressed pancreatic beta-cells The Biochemical journal 2021-03-26 [PMID: 33650632] (WB, IF/IHC)

Ketkar A, Smith L, Johnson C et al. Human Rev1 relies on insert-2 to promote selective binding and accurate replication of stabilized G-quadruplex motifs Nucleic acids research 2021-02-26 [PMID: 33555350] (WB)

Tindell SJ, Rouchka EC, Arkov AL Glial granules contain germline proteins in the Drosophila brain, which regulate brain transcriptome Commun Biol 2020-11-20 [PMID: 33219296] (IF/IHC)

### Details:

Immunohistochemical analysis performed on Drosophila brains transfected with plasmids for tagging tud

Maria AG, Tatsi C, Berthon AS et al. ARMC5 variants in PRKAR1A-mutated patients modify cortisol levels and Cushing's syndrome Endocr. Relat. Cancer 2020-07-01 [PMID: 32638579]

Gonzalez CM, Wang L, Damania B et al. Kaposi's sarcoma-associated herpesvirus encodes a viral deubiquitinase J Virol

### Details:

This publication used the HRP conjugated form of this antibody (Cat# NB600-389).

Jung YS, Liu G, Chen X et al. Pirh2 E3 ubiquitin ligase targets DNA polymerase eta for 20S proteasomal degradation Mol Cell Biol 2010-02-01 [PMID: 20008555]

### Details:

This citation used the HRP version of this antibody.

Gonzalez CM, Wang L, Damania B et al. Kaposi's sarcoma-associated herpesvirus encodes a viral deubiquitinase J Virol 2009-10-01 [PMID: 19640989]

### Details:

This citation used the HRP version of this antibody.

Jeong KJ, Seo MJ, Iverson BL et al. APEx 2-hybrid, a quantitative protein-protein interaction assay for antibody discovery and engineering Proc Natl Acad Sci USA 2007-05-01 [PMID: 17494738]

### Details:

This citation used the HRP version of this antibody.

Snow JW, Kim J, Currie CR et al. Sumoylation regulates interaction of FOG1 with C-terminal-binding protein (CTBP). J Biol Chem 2010-09-01 [PMID: 20587419]

More publications at <http://www.novusbio.com/NB600-345>





### **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 NB600-345**

---

NL004	Donkey anti-Rabbit IgG Secondary Antibody [NL557]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

---

### **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/NB600-345](http://www.novusbio.com/reviews/submit/NB600-345)

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

