

# Product Datasheet

## ChABC Antibody (1E10) - Azide and BSA Free NBP2-80665

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)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-80665](http://www.novusbio.com/NBP2-80665)

Updated 9/9/2025 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/NBP2-80665](http://www.novusbio.com/reviews/destination/NBP2-80665)



**NBP2-80665**

ChABC Antibody (1E10) - Azide and BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1E10
Preservative	No Preservative
Isotype	IgG1
Purity	Protein G purified
Buffer	Tris-Glycine, 0.15 M NaCl
Target Molecular Weight	80 kDa

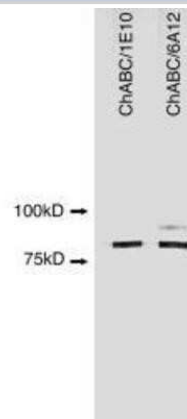
Product Description	
Description	Novus Biologicals Mouse ChABC Antibody (1E10) - Azide and BSA Free (NBP1-96141) is a monoclonal antibody validated for use in WB and ELISA. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Species	Rat, Non-species specific
Reactivity Notes	Rat reactivity reported in scientific literature (PMID: 27364797).
Immunogen	Chondroitinase ABC

Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:100-1:2000, ELISA 1:100-1:2000
Application Notes	This ChABC (1E10) antibody is useful for ELISA and Western blot, where a band can be seen at approximately 80 kDa. It can be used in Sandwich ELISA as the detection antibody with catalog # NBP1-96142, ChABC (6A12) as the capture antibody. 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. Western blot data: 125 ng Chondroitinase ABC was mixed with 100 ug of fetal bovine serum (as a background control). The proteins were mixed with 100 ul of non-reducing sample buffer and applied to a single 6 cm well set in a SDS-PAGE minigel (approx 20 ng/well [0.5 cm]). The gel bands were electroblotted to a nitrocellulose sheet. Immunolabeling for individual antibodies was performed on the sheet placed in a slot blot devise. Purified NBP1-96141 (ChABC/1E10) and NBP1-96142 (ChABC/6A12) were applied at 5 ug/ml IgG.



## Images

Western Blot: ChABC Antibody (1E10) - Azide and BSA Free [NBP2-80665] - (ChABC/1E10) and NBP1-96142 (ChABC/6A12). See Notes for additional information. Image from the standard 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  
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](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-80665**

---

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)
NBP1-97919	ChABC Antibody Pair

---

### **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/NBP2-80665](http://www.novusbio.com/reviews/submit/NBP2-80665)

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

