

# Product Datasheet

## **BACE-1 Antibody (3C1C3) - BSA Free NBP2-37261**

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)

### Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-37261](http://www.novusbio.com/NBP2-37261)

Updated 10/23/2024 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/NBP2-37261](http://www.novusbio.com/reviews/destination/NBP2-37261)



**NBP2-37261**

BACE-1 Antibody (3C1C3) - BSA Free

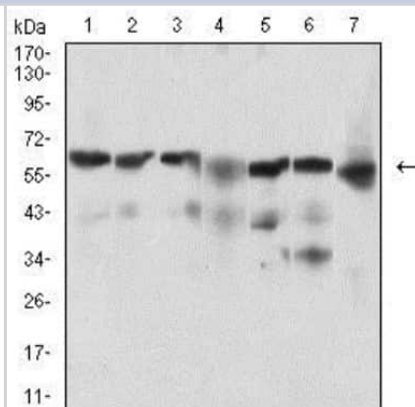
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3C1C3
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	55.7 kDa

Product Description	
Host	Mouse
Gene ID	23621
Gene Symbol	BACE1
Species	Human, Mouse, Rat
Reactivity Notes	Use in Mouse reported in scientific literature (PMID:33776747).
Immunogen	Purified recombinant fragment of human BACE-1 (AA: 112-324) expressed in E. Coli.

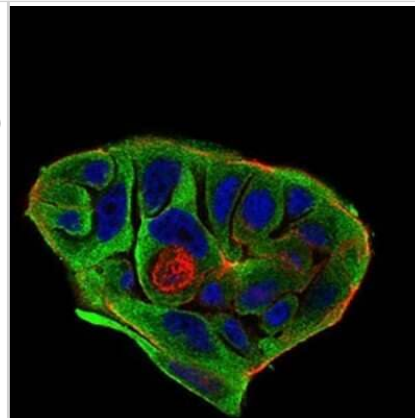
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, CyTOF-ready
Recommended Dilutions	Western Blot 1:500 - 1:2000, Flow Cytometry 1:200 - 1:400, ELISA 1:10000, Immunocytochemistry/ Immunofluorescence 1:200 - 1:1000, CyTOF-ready
Application Notes	This antibody is Cytof ready.

**Images**

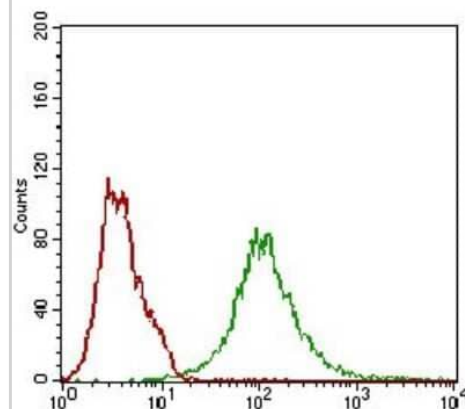
Western Blot: BACE-1 Antibody (3C1C3) [NBP2-37261] - Analysis using BACE1 mouse mAb against Hela (1), SK-N-SH (2), HepG2 (3), C6 (4), PC-12 (5), PANC-1 (6), NIH/3T3 (7) cell lysate.



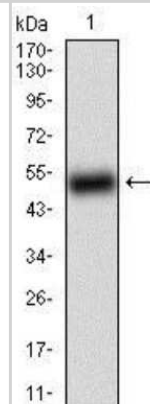
Immunocytochemistry/Immunofluorescence: BACE-1 Antibody (3C1C3) [NBP2-37261] - Analysis of MCF-7 cells using BACE1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin. Goat anti-Mouse IgG (H+L) DyLight 488 secondary antibody was used.



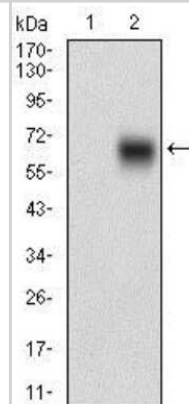
Flow Cytometry: BACE-1 Antibody (3C1C3) [NBP2-37261] - Analysis of HeLa cells using BACE1 mouse mAb (green) and negative control (red).



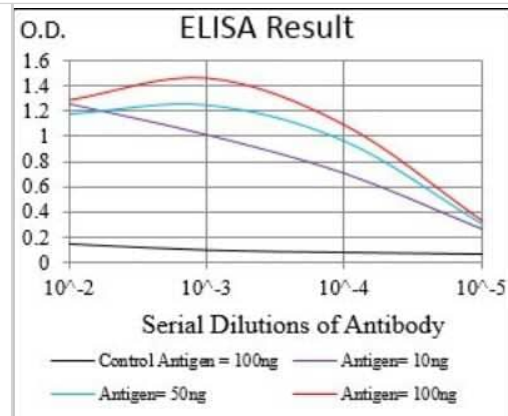
Western Blot: BACE-1 Antibody (3C1C3) [NBP2-37261] - Analysis using BACE1 mAb against human BACE1 (AA: 112-324) recombinant protein. (Expected MW is 49.9 kDa)



Western Blot: BACE-1 Antibody (3C1C3) [NBP2-37261] - Analysis using BACE1 mAb against HEK293 (1) and BACE1 (AA: 112-324)-hlgGfc transfected HEK293 (2) cell lysate.



ELISA: BACE-1 Antibody (3C1C3) [NBP2-37261] - Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);



## Publications

Lu MH, Ji WL, Chen H et al. Intranasal Transplantation of Human Neural Stem Cells Ameliorates Alzheimer's Disease-Like Pathology in a Mouse Model *Frontiers in aging neuroscience* 2021-03-10 [PMID: 33776747] (WB, Mouse)



### **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 NBP2-37261**

---

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)
NBP1-77307PEP	BACE-1 Antibody Blocking Peptide

---

### **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/NBP2-37261](http://www.novusbio.com/reviews/submit/NBP2-37261)

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

