

# Product Datasheet

## **BACE-2 Antibody (1/ 9) - Azide and BSA Free NBP2-81075-0.2mg**

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

[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/NBP2-81075](http://www.novusbio.com/NBP2-81075)

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/NBP2-81075](http://www.novusbio.com/reviews/destination/NBP2-81075)



**NBP2-81075-0.2mg**

BACE-2 Antibody (1/ 9) - Azide and BSA Free

Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	1/ 9
Preservative	0.02% Proclin 300
Isotype	IgG1 Kappa
Purity	Protein A purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Mouse BACE-2 Antibody (1/ 9) - Azide and BSA Free (NBP2-81075) is a recombinant monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	25825
Gene Symbol	BACE2
Species	Human
Immunogen	Human BACE-2 244-333.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence
Application Notes	This reformatted mouse antibody was made using the variable domain sequences of the original Mouse IgG format, for improved compatibility with existing reagents, assays and techniques. The antibody binds specifically to BACE2, an enzyme responsible for the proteolytic cleavage of amyloid precursor protein (APP). The protein is cleaved between residues 690 and 691, leading to the formation of beta-cleaved soluble APP and a C-terminal membrane bound fragment (CTFbeta). The latter is then cleaved by gamma-secretase to generate amyloid beta peptide. BACE is the rate-limiting enzyme in the pathway, and is a potential target in the treatment of Alzheimer's Disease (AD), a neurodegenerative disorder characterised by amyloid beta plaques within the brain. The BACE2 protein is encoded in chromosome 21, in a region critical for the development of Down's Syndrome, and may play a role in the amyloid beta deposition in the disease.





### 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 NBP2-81075-0.2mg

---

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

---

### 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/NBP2-81075](http://www.novusbio.com/reviews/submit/NBP2-81075)

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

