

Product Datasheet

beta Amyloid Antibody (MOAB-2) - Azide and BSA Free NBP2-80594

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-80594

Updated 7/28/2024 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP2-80594



NBP2-80594

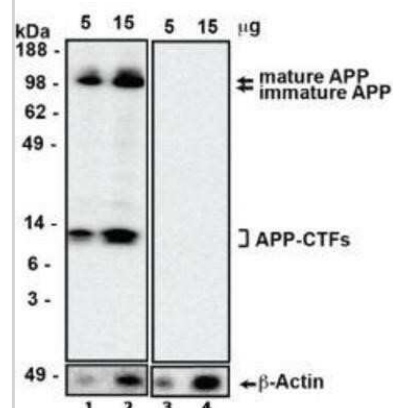
beta Amyloid Antibody (MOAB-2) - Azide and BSA Free

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	MOAB-2
Preservative	No Preservative
Isotype	IgG2b
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	5 kDa
Product Description	
Host	Mouse
Gene ID	351
Gene Symbol	APP
Species	Human, Mouse, Rat, Bacteria, Monkey
Reactivity Notes	Monkey reactivity reported in scientific literature (PMID: 29241829).
Immunogen	This beta Amyloid antibody was developed against recombinant human beta Amyloid 42.
Product Application Details	
Applications	Western Blot, Dot Blot, ELISA, Immunoblotting, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, Immunocytochemistry, Immunohistochemistry Free-Floating
Recommended Dilutions	Western Blot 1:1000-1:5000, ELISA 1:100-1:1000, Immunohistochemistry 1:40-1:400, Immunocytochemistry/ Immunofluorescence 1:200-1:500, Immunoprecipitation 1:200-1:1000, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Immunoblotting reported in scientific literature (PMID 28314768), Dot Blot reported in scientific literature (PMID 22423893), Immunohistochemistry Free-Floating reported in scientific literature (PMID 25747037), Immunocytochemistry
Application Notes	In Western blot, a band can be seen at ~4 kDa, representing the beta Amyloid monomer. Larger bands may also be seen representing the unaggregated, oligomeric, and fibrillar forms of beta Amyloid. For higher beta Amyloid yield in WB, please follow the extraction protocol described in Youmans et al, J Neurosci Methods. 2011 March 15; 196(1): 51-59 (PMID: 21219931).

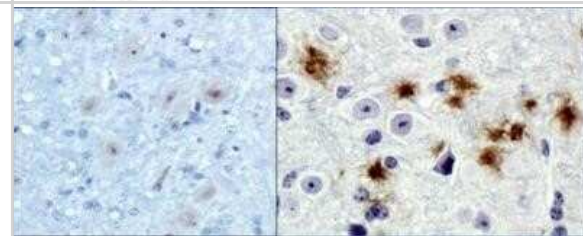


Images

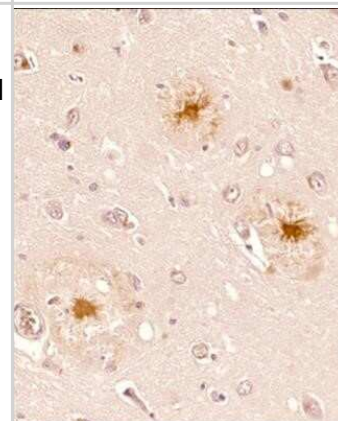
Western blot analysis in cell lysates from HEK-APP SWE/BACE1 cells probed with an antibody against the C-terminus of APP (Lanes 1 and 2) and beta Amyloid (MOAB-2, Lanes 3 and 4). Beta Amyloid (MOAB-2) does not detect APP (from PMID: 22423893). Image from the standard format of this antibody.



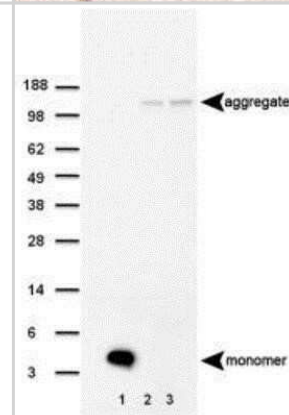
IHC analysis of beta Amyloid on normal mouse brain (left) and 5xFAD mouse brain (right) using DAB with hematoxylin counterstain. The MOAB-2 antibody was used at 1:20 on normal mouse brain and at 1:400 on 5xFAD mouse brain. Image from the standard format of this antibody.



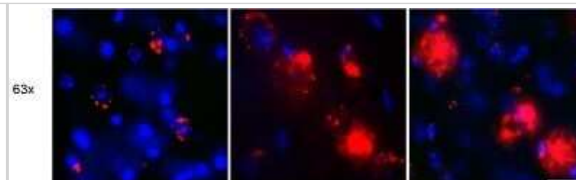
IHC analysis of a formalin fixed paraffin embedded tissue section of human brain (Alzheimer's disease, hippocampus) using 1:200 dilution of anti-beta Amyloid antibody (clone MOAB-2). The staining was developed with HRP labeled anti-mouse secondary antibody.



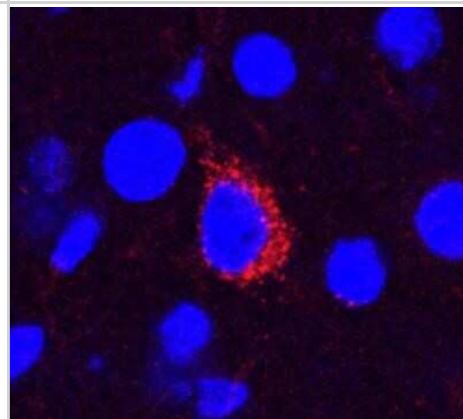
Analysis of beta Amyloid (MOAB-2) antibody in (1) 100 pmole beta Amyloid 42, (2) 5xFAD mouse brain homogenate Repetition 1 and (3) 5xFAD mouse brain homogenate Repetition 2. Image from the standard format of this antibody.



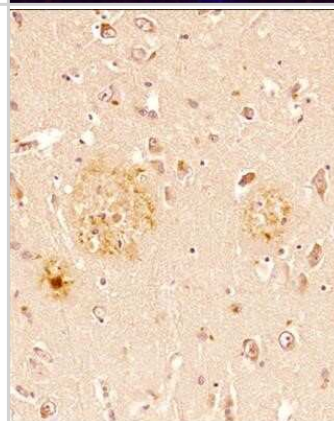
Immunofluorescent detection of beta Amyloid with MOAB-2 in the subiculum of 1-, 2- and 4- month old 5xFAD mice. Scale bar 20 um (from PMID: 22423893). Image from the standard format of this antibody.



Mouse brain (cerebral cortex). Red: MOAB-2 antibody staining, Blue: DAPI. Zeiss LSM800, 40x. Image from verified customer review. Image from the standard format of this antibody.



IHC analysis of a formalin fixed paraffin embedded tissue section of human brain (Alzheimers disease, hippocampus) using 1:40 dilution of anti-beta Amyloid antibody (clone MOAB-2). The staining was developed with HRP labeled anti-mouse secondary 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
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-80594

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)
210-TA-005	TNF-alpha [Unconjugated]

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

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-80594

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

