

Product Datasheet

beta Amyloid Antibody (MOAB-2) [Alexa Fluor® 594] NBP2-13075AF594-0.1ml

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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NBP2-13075AF594-0.1ml

beta Amyloid Antibody (MOAB-2) [Alexa Fluor® 594]

Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C in the dark. Do not freeze.
Clonality	Monoclonal
Clone	MOAB-2
Preservative	0.05mg Sodium Azide
Isotype	IgG2b
Conjugate	Alexa Fluor 594
Purity	Protein G purified
Buffer	50 mM Sodium borate
Target Molecular Weight	5 kDa

Product Description	
Host	Mouse
Gene ID	351
Gene Symbol	APP
Species	Human, Mouse, Rat, Monkey
Reactivity Notes	Human, mouse and rat. Monkey reactivity reported in scientific literature (PMID: 29241829).
Specificity/Sensitivity	Beta Amyloid antibody (MOAB-2) recognizes unaggregated, oligomeric and fibrillar forms of beta Amyloid 42 and unaggregated beta Amyloid 40. Does not detect APP.
Immunogen	This beta Amyloid antibody was developed against recombinant human beta Amyloid 42.
Notes	Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com . This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.

Product Application Details	
Applications	Western Blot, Dot Blot, ELISA, Immunoblotting, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, Immunohistochemistry Free-Floating



Recommended Dilutions	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Immunoblotting, Dot Blot, Immunohistochemistry Free-Floating
Application Notes	This beta Amyloid Antibody (MOAB-2) is useful for Immunocytochemistry/Immunofluorescence, ELISA, Immunoprecipitation, Western Blot, and Immunohistochemistry on paraffin-embedded sections. 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). Use in Immunohistochemistry-Free floating reported in scientific literature (PMID 25747037).





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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.

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