

Product Datasheet

beta-NGF Antibody (25623)

NB120-10513

Unit Size: 0.1 mg

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

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NB120-10513

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Product Information	
Unit Size	0.1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	25623
Preservative	No Preservative
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS (pH 7.4) and 5% Trehalose

Product Description	
Host	Mouse
Gene ID	4803
Gene Symbol	NGF
Species	Human, Mouse, Rat
Reactivity Notes	This clone has been shown to neutralize the biological activity of recombinant human NGFB and recombinant rat NGFB, but not recombinant mouse NGFB. When used as a capture antibody in ELISAs, this antibody shows less than 5% cross-reactivity with recombinant rat NGFB and mouse NGFB. Not yet tested in other species. Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Specificity/Sensitivity	NGF beta (25623.1)
Immunogen	Recombinant full length protein (Human).

Product Application Details	
Applications	ELISA, Block/Neutralize
Recommended Dilutions	ELISA 2-8 ug/ml, Block/Neutralize
Application Notes	Dot: concentration determined using recombinant NGFB at 400 ng under non- and 200 ng under reducing conditions. For capture ELISA, Monoclonal Anti-Human Nerve Growth Factor-Beta can be used as the capture antibody. Determined in combination with a biotinylated NGF-Beta polyclonal detection antibody at 50-100 ng/ml (100 ul/well), an ELISA for sample volumes of 100 ul with a range of 31.2 to 2000 pg/ml may be obtained. For capture ELISA, a working concentration of 1-2 ug/ml is determined to coat plates at 100 ul/well. Inhib: Use at a concentration of 1 - 2 ug/ml. The Neutralization Dose50 (ND50) for anti-human NGFB is approximately 1-3 ug/ml in the presence of 5 ng/ml of recombinant human NGFB using the NGFB responsive cell line TF-1.

Publications

Amadoro G, Corsetti V, Ciotti MT et al. Endogenous ABeta causes cell death via early tau hyperphosphorylation Neurobiol Aging 2011 Jun [PMID: 19628305] (Rat)





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
novus@novusbio.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: technical@novusbio.com
Orders: orders@novusbio.com
General: novus@novusbio.com

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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