

Product datasheet

Anti-p75 NGF Receptor antibody [NTR/912] - BSA and Azide free ab212684

[1 References](#) [2 Images](#)

Overview

Product name	Anti-p75 NGF Receptor antibody [NTR/912] - BSA and Azide free
Description	Mouse monoclonal [NTR/912] to p75 NGF Receptor - BSA and Azide free
Host species	Mouse
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human, Non human primates Does not react with: Mouse, Rat
Immunogen	Recombinant full length protein corresponding to Human p75 NGF Receptor. Database link: P08138
Positive control	Neuronal axons, Schwann cells, and perineural cells of peripheral nerves, or tumors of nerve sheath differentiation e.g. Schwannoma, Neurofibroma. Soma and axons of sensory neurons, and ganglionic satellite cells. Melanomas.
General notes	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been "predicted to work with," however this information is not covered by our Abpromise guarantee.</p> <p>Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&As.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	Constituent: 100% PBS
Carrier free	Yes
Purity	Protein G purified
Purification notes	Purified from bioreactor concentrate.
Clonality	Monoclonal
Clone number	NTR/912
Isotype	IgG1
Light chain type	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab212684** in the following tested applications.

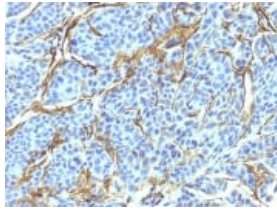
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 0.5 - 1 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. for 30 minutes at room temperature.

Target

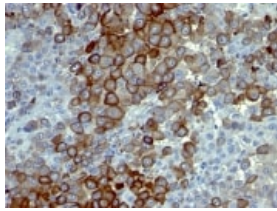
Function	Low affinity receptor which can bind to NGF, BDNF, NT-3, and NT-4. Can mediate cell survival as well as cell death of neural cells.
Sequence similarities	Contains 1 death domain. Contains 4 TNFR-Cys repeats.
Domain	Death domain is responsible for interaction with RANBP9. The extracellular domain is responsible for interaction with NTRK1.
Post-translational modifications	N- and O-glycosylated. O-linked glycans consist of Gal(1-3)GalNAc core elongated by 1 or 2 NeuNAc. Phosphorylated on serine residues.
Cellular localization	Membrane.

Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-p75 NGF Receptor antibody [NTR/912] - BSA and Azide free (ab212684)

Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human melanoma tissue section labeling p75 NGF Receptor with ab212684 at 1 µg/mL.



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Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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