

Product Datasheet

TrkA Antibody (MNAC13) - Chimeric - Azide and BSA Free NBP2-81074-0.2mg

Unit Size: 0.2 mg

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

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NBP2-81074-0.2mg

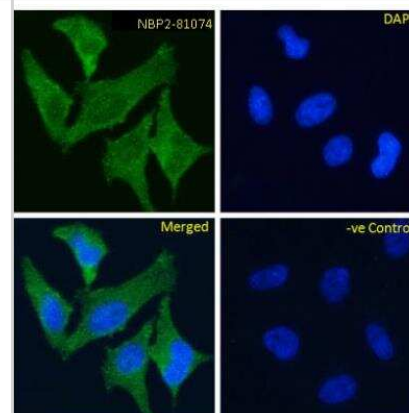
TrkA Antibody (MNAC13) - Chimeric - Azide and BSA Free

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	MNAC13
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS
Product Description	
Description	Novus Biologicals Rabbit TrkA Antibody (MNAC13) - Chimeric - Azide and BSA Free (NBP2-81074) is a recombinant monoclonal antibody validated for use in IHC, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4914
Gene Symbol	NTRK1
Species	Human
Specificity/Sensitivity	This antibody binds to the extracellular domain of TrkA. It was shown not to cross react with TrkB . Moreover MNAC13 is specific to TrkA with negligible reactivity to TrkB and TrkC.
Immunogen	Human TrkA ECD.
Product Application Details	
Applications	ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Block/Neutralize, Surface Plasmon Resonance
Recommended Dilutions	ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Surface Plasmon Resonance, Block/Neutralize
Application Notes	This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques. This antibody binds to human TrkA, a receptor tyrosine kinase involved in the development and the maturation of the CNS and the PNS through regulation of proliferation, differentiation, and survival of the sympathetic and nervous neurons. It is a receptor for NGF and phosphorylates several downstream proteins regulating a variety of signalling cascades. This antibody neutralizes the NGF-TrkA interaction.



Images

Immunocytochemistry/Immunofluorescence: TrkA Antibody (MNAC13) [NBP2-81074] - Immunofluorescence staining of fixed HeLa cells with anti-TrkA antibody (MNAC13) [NBP2-81074]. Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton stained with the chimeric rabbit IgG version of MNAC13 [NBP2-81074] at 10 ug/ml for 1h followed by Alexa Fluor 488 secondary antibody (1 ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom NBP2-81074, DAPI, merged channels and a negative control. The negative control was stained with unimmunized rabbit IgG followed by Alexa Fluor 488 secondary antibody.





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Products Related to NBP2-81074-0.2mg

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-38265PEP	TrkA Recombinant Protein Antigen
DBD00	BDNF [HRP]

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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