

Product Datasheet

TrkC Antibody (2B7) M-958-100

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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M-958-100

TrkC Antibody (2B7)

Product Information	
Unit Size	0.1 mg
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2B7
Preservative	No Preservative
Reconstitution Instructions	Reconstitute with 0.1 ml sterilized water.
Isotype	IgG1 Kappa
Purity	Protein G purified
Buffer	No buffer
Target Molecular Weight	94.43 kDa

Product Description	
Host	Mouse
Gene ID	4916
Gene Symbol	NTRK3
Species	Human, Mouse, Rat
Reactivity Notes	Human, Rat and Mouse.
Specificity/Sensitivity	The is competitively blocked by the natural TrkC ligand, Neurotrophin 3 (NT3) but not the homologue Nerve Growth Factor (NGF) in a dose dependent manner.
Immunogen	Immunogen was a linear recombinant human TrkC peptide conjugated to KLH.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Functional, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, Functional
Application Notes	Uses include Flow Cytometry, Western Blot(non-reducing conditions), immunohistochemistry-paraffin and biological function studies (eg, activation of TrkC without p75).

Publications

Guillemard V et al. (2010) An agonistic mAb directed to the TrkC receptor juxtamembrane region defines a trophic hot spot and interactions with p75 coreceptors. [PMID: 19953569]

Baker KA et al. (2007) Dorsal column sensory axons lack TrkC and are not rescued by local neurotrophin-3 infusions following spinal cord contusion in adult rats. [PMID: 17316612]

Esteban PF et al. (2006) A kinase-deficient TrkC receptor isoform activates Arf6-Rac1 signaling through the scaffold protein tamalin. [PMID: 16636148]

Zaccaro M et al. (2005) Chemistry and Biology 12. pp. 1015-1028. 2005-01-01 [PMID: 16183026]





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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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