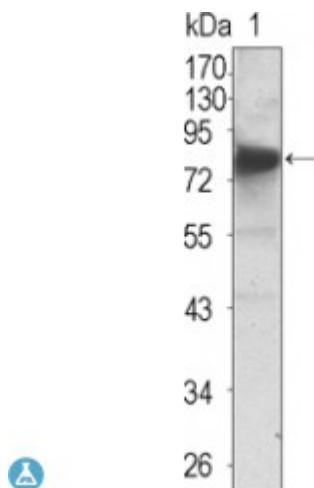


Anti-Trk C antibody



Description	Mouse monoclonal to Trk C.
Model	STJ98431
Host	Mouse
Reactivity	Human
Applications	ELISA, IHC, WB
Immunogen	Purified recombinant extracellular fragment of human Trk C (aa32-429) fused with hIgGFc tag expressed in HEK293 cells.
Immunogen Region	aa32-429
Gene ID	4916
Gene Symbol	NTRK3
Dilution range	WB 1:500-1:2000IHC 1:200-1:1000ELISA 1:10000
Specificity	Trk C Monoclonal Antibody detects endogenous levels of Trk C protein.
Tissue Specificity	Widely expressed but mainly in nervous tissue. Isoform 2 is expressed at higher levels in adult brain than in fetal brain.
Purification	Affinity purification
Clone ID	7H6
Note	For Research Use Only (RUO).
Protein Name	NT-3 growth factor receptor GP145-TrkC Trk-C Neurotrophic tyrosine kinase receptor type 3 TrkC tyrosine kinase
Clonality	Monoclonal

Conjugation	Unconjugated
Isotype	IgG1
Formulation	Ascitic fluid containing 0.03% sodium azide.
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:8033OMIM:191316
Alternative Names	NT-3 growth factor receptor GP145-TrkC Trk-C Neurotrophic tyrosine kinase receptor type 3 TrkC tyrosine kinase
Function	Receptor tyrosine kinase involved in nervous system and probably heart development. Upon binding of its ligand NTF3/neurotrophin-3, NTRK3 autophosphorylates and activates different signaling pathways, including the phosphatidylinositol 3-kinase/AKT and the MAPK pathways, that control cell survival and differentiation.
Cellular Localization	Membrane. Single-pass type I membrane protein.
Post-translational Modifications	Ligand-mediated auto-phosphorylation.

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