NTRK3 (4G5) Antibody

Subcategory: Mouse Monoclonal Antibody
Cat. No.: 252917
Unit: 0.1 ml

Description:
The Trk family of nerve growth factor receptors includes Trk A, Trk B and Trk C. The prototype member of this gene family, Trk A encodes a 140-kDa cell surface receptor (gp140) expressed in neurons of the sensory spinal and cranial ganglia of neurocrest origin. Nerve growth factor (NGF) stimulates tyrosine phosphorylation of Trk A in neural cell lines and embryonic dorsal root ganglia. By comparison, BDNF and to a lesser extent, neurotrophin-3 (NT-3), but not NGF, can induce tyrosine phosphorylation of Trk B gp 145. Trk C, the third member of the Trk receptor family, encodes a 140-kDa protein, Trk C gp 140, that is preferentially expressed in brain tissue and primarily functions as a receptor for NT-3. An additional component of the Trk receptor complex, NGFR p 175 , binds to neurotrophic factor with low affinity but is required for efficient signaling.

Isotype: Mouse IgG1
Applications: WB
Species Reactivity: H
Format: Each vial contains 0.1 ml ascitic fluid with 0.03% sodium azide.
Alternate Names: NT-3 growth factor receptor; Neurotrophic tyrosine kinase receptor type 3; TrkC tyrosine kinase; GP145-TrkC; Trk-C; NTRK3; TRKC
Accession No.: Q16288

Antigen: Purified recombinant extracellular fragment of human NTRK3 (aa32-429) fused with hIgGFc tag expressed in HEK293 cells.
Application Notes: WB: 1:500-1:2000;

Storage: Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.