



NTRK3 Mouse Monoclonal Antibody

E10-20377

Background: NTRK3 (neurotrophic tyrosine kinase, receptor, type 3), it is a member of the neurotrophic tyrosine receptor kinase (NTRK) family and plays an important role in the development and maintenance of neural tissues. This kinase is a membrane-bound receptor that, upon neurotrophin binding, phosphorylates itself and members of the MAPK pathway. Signalling through this kinase leads to cell differentiation and may play a role in the development of proprioceptive neurons that sense body position. Mutations in this gene have been associated with medulloblastomas, secretory breast carcinomas and other cancers.

Catalog Number: E10-20377

Amount: 100 μ g/100 μ l

Clone Number: 7H6

Species: Mouse IgG1

MW: 94kDa

Aliases: TRKC; gp145(trkC)

Entrez Gene: 4916

Immunogen: Purified recombinant extracellular fragment of human NTRK3 (aa32-429) fused with hIgGFc tag expressed in HEK293 cells.

Storage: Store at 4 $^{\circ}$ C for short term storage, store at -20 $^{\circ}$ C for long term storage, store at

Formulation: Ascitic fluid containing 0.03% sodium azide.

Species Reactivities: Human

Tested Applications: WB,IHC,ELISA. Not yet tested in other applications. Determining optimal working dilutions by titration test.

Application notes: WB. 1/500 - 1/2000.IHC. 1/200 - 1/1000. ELISA. Propose dilution 1/10000.

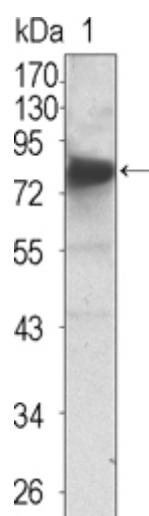


Figure 1. Western blot analysis using NTRK3 mouse mAb against extracellular domain of human NTRK3 (aa32-429).

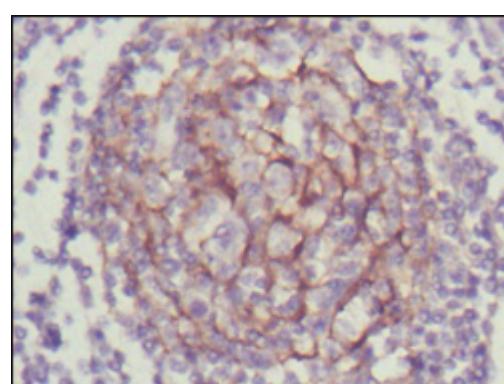


Figure 2. Immunohistochemical analysis of paraffin-embedded human lymph node using NTRK3 mouse mAb with DAB staining.