

## Product datasheet for **AM06360SU-N**

### TrkC (NTRK3) Mouse Monoclonal Antibody [Clone ID: 7H6]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	7H6
Applications:	IHC, WB
Recommended Dilution:	<b>Western Blot:</b> 1/500 - 1/2000. <b>Immunohistochemistry on paraffin sections:</b> 1/200 - 1/1000. <b>ELISA:</b> 1/10000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant extracellular fragment of human NTRK3 (aa32-429) fused with hlgGFc tag expressed in HEK293 cells.
Specificity:	This antibody reacts to NTRK3.
Formulation:	State: Ascites State: Ascitic fluid containing 0.03% sodium azide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	94 kDa
Gene Name:	neurotrophic receptor tyrosine kinase 3
Database Link:	<a href="#">Entrez Gene 4916 Human</a> <a href="#">Q16288</a>



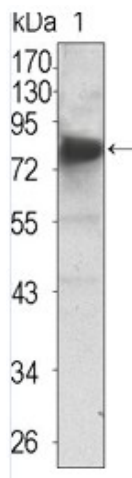
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**Background:**

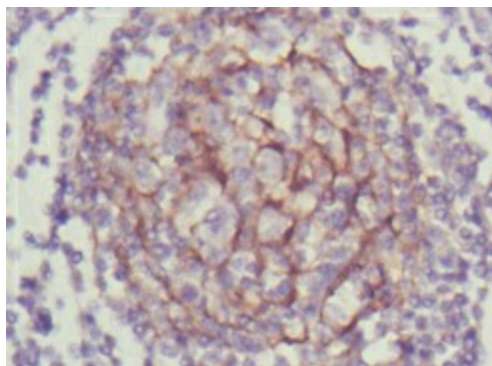
NTRK3 (neurotrophic tyrosine kinase, receptor, type 3), it is a member of the neurotrophic tyrosine receptor kinase (NTRK) family and plays an important role in the development and maintenance of neural tissues. This kinase is a membrane-bound receptor that, upon neurotrophin binding, phosphorylates 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.

**Synonyms:**

NTRK3

**Product images:**

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



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