

For Research Use Only

# TrkA Monoclonal antibody

Catalog Number: 60548-1-Ig



## Basic Information

Catalog Number:

60548-1-Ig

Size:

150ul, Concentration: 1000 ug/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG27985

GenBank Accession Number:

NM\_001007792

GeneID (NCBI):

4914

UNIPROT ID:

P04629

Full Name:

neurotrophic tyrosine kinase, receptor, type 1

Calculated MW:

88 kDa

Observed MW:

140 kDa

Purification Method:

Protein G purification

CloneNo.:

3B11C7

Recommended Dilutions:

WB 1:5000-1:50000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : Karpas-299 cells, NK-92 cells, SH-SY5Y cells, IMR-32 cells, TF-1 cells, K-562 cells, MOLT-4 cells, SK-N-SH cells

## Background Information

NTRK1 (Neurotrophic tyrosine kinase receptor 1) is located on chromosome 1q23.1 and is responsible for a rare genetic disorder, CIPA (congenital insensitivity to pain with anhidrosis) (PMID: 37907480). As a neurotrophin receptor, NTRK1 is abundantly expressed in human neuronal tissues and plays an integral role in the development and function of the human nervous system (PMID: 27843590). NTRK1 also regulates the survival and proliferation of cholinergic neurons (PMID: 20054812).

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

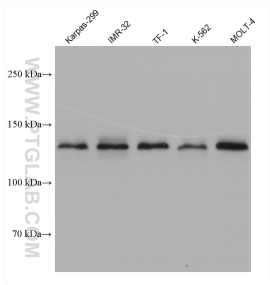
For technical support and original validation data for this product please contact:

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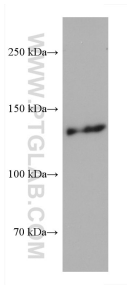
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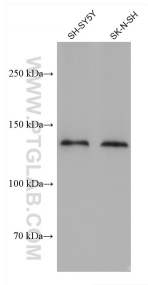
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 60548-1-Ig (NTRK1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



NK-92 cells were subjected to SDS PAGE followed by western blot with 60548-1-Ig (NTRK1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



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