

# TrkA Antibody FITC Conjugated

Catalog No: #C00651F

Package Size: #C00651F 100ul

## Description

|                       |                                                                                                                                                                                                                                                                                                             |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name          | TrkA Antibody FITC Conjugated                                                                                                                                                                                                                                                                               |
| Host Species          | Rabbit                                                                                                                                                                                                                                                                                                      |
| Clonality             | Polyclonal                                                                                                                                                                                                                                                                                                  |
| Isotype               | IgG                                                                                                                                                                                                                                                                                                         |
| Purification          | Purified by Protein A.                                                                                                                                                                                                                                                                                      |
| Applications          | ICC IF                                                                                                                                                                                                                                                                                                      |
| Species Reactivity    | Hu Ms Rt                                                                                                                                                                                                                                                                                                    |
| Immunogen Description | KLH conjugated synthetic peptide derived from human TrkA                                                                                                                                                                                                                                                    |
| Conjugates            | FITC                                                                                                                                                                                                                                                                                                        |
| Target Name           | TrkA                                                                                                                                                                                                                                                                                                        |
| Other Names           | CIPA; CIPA; DKFZp781I14186; gp140trk; High affinity nerve growth factor receptor; High affinity nerve growth factor receptor precursor; High affinity nerve growth factor receptor precursor; MTC; MTC; neurotrophic tyrosine kinase receptor type 1; neurotrophic tyrosine kinase receptor type 1; Ntrk 1; |
| Accession No.         | NCBI Gene ID4914                                                                                                                                                                                                                                                                                            |
| Cell Localization     | Extracellular                                                                                                                                                                                                                                                                                               |
| Concentration         | 1mg ml                                                                                                                                                                                                                                                                                                      |
| Formulation           | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.                                                                                                                                                                                                                                            |
| Storage               | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.                                                                                                                                                                                                                             |

## Application Details

ICC=1:50-200 IF=1:50-200

## Background

The Trk family of nerve growth factor receptors includes Trk A(also refered to as Trk A gp140),Trk B and Trk C. The prototype member of this gene family, Trk A, encodes a 140 kDa cell surface receptor , gp140, the expression of which is restricted in vivo to neurons of the sensory spinal and cranial gangliaof neurocrest origin. Nerve growth factor (NGF) stimulates tyrosine phosphorylation of Trk gp 140 in neural cell lines and in embryonic dorsal root ganglia. By comparison, BDNF and to a lesser extent, NT-3, but not NGF, can induce tyrosine phophorylayion of Trk B gp 145. The third member of the Trk receptor family, Trk C incodes a 140 kDa protein, Trk C gp140, 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 p175, binds to neurotrophic factors with low affinity but is required for efficient signaling. NGFR p175 accelerates Trk activation and may recruit downstream dffector molecules to the ligand-bound receptor complex.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.