

# NGF beta Antibody FITC Conjugated

Catalog No: #C00050F

Package Size: #C00050F 100ul

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## Description

|                       |                                                                                   |
|-----------------------|-----------------------------------------------------------------------------------|
| Product Name          | NGF beta Antibody FITC Conjugated                                                 |
| Host Species          | Rabbit                                                                            |
| Clonality             | Polyclonal                                                                        |
| Isotype               | IgG                                                                               |
| Purification          | Purified by Protein A.                                                            |
| Applications          | IF(IHC-P)                                                                         |
| Species Reactivity    | Hu Ms Rt                                                                          |
| Immunogen Description | KLH conjugated synthetic peptide aa 150-200 241 derived from human NGF beta       |
| Conjugates            | FITC                                                                              |
| Target Name           | NGF beta                                                                          |
| Other Names           | NGFB; HSAN5; Beta-NGF; Beta-nerve growth factor; NGF                              |
| Accession No.         | Swiss-Prot#P01138NCBI Gene ID4803                                                 |
| Cell Localization     | Secreted                                                                          |
| Concentration         | 1mg ml                                                                            |
| Formulation           | 10mM Tris Buffered Saline containing 1% BSA, 50% glycerol and 0.09% sodium azide. |
| Storage               | Store at 4C for 12 months.                                                        |

## Application Details

Immunofluorescence: 1:50-200

## Background

Nerve growth factor is important for the development and maintenance of the sympathetic and sensory nervous systems. Extracellular ligand for the NTRK1 and NGFR receptors, activates cellular signaling cascades through those receptor tyrosine kinase to regulate neuronal proliferation, differentiation and survival. Inhibits metalloproteinase dependent proteolysis of platelet glycoprotein VI (PubMed:20164177).

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