

## Product datasheet for **TA812989**

### **p75 NGF Receptor (NGFR) Mouse Monoclonal Antibody [Clone ID: OTI12E11]**

#### **Product data:**

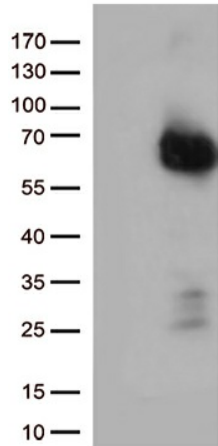
|                                |  |
|--------------------------------|--|
| <b>Product Type:</b>           | Primary Antibodies   |
| <b>Clone Name:</b>             | OTI12E11   |
| <b>Applications:</b>           | FC, WB   |
| <b>Recommended Dilution:</b>   | WB 1:500, FLOW 1:100   |
| <b>Reactivity:</b>             | Human, Mouse, Rat  |
| <b>Host:</b>                   | Mouse  |
| <b>Isotype:</b>                | IgG1   |
| <b>Clonality:</b>              | Monoclonal   |
| <b>Immunogen:</b>              | Full length human recombinant protein of human Ngfr (NP_002498) produced in HEK293T cell.  |
| <b>Formulation:</b>            | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.   |
| <b>Concentration:</b>          | 1 mg/ml  |
| <b>Purification:</b>           | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)  |
| <b>Conjugation:</b>            | Unconjugated   |
| <b>Storage:</b>                | Store at -20°C as received.  |
| <b>Stability:</b>              | Stable for 12 months from date of receipt.   |
| <b>Predicted Protein Size:</b> | 45.18 kDa  |
| <b>Gene Name:</b>              | nerve growth factor receptor   |
| <b>Database Link:</b>          | <a href="#">NP_002498</a><br><a href="#">Entrez Gene 18053 Mouse</a> <a href="#">Entrez Gene 24596 Rat</a> <a href="#">Entrez Gene 4804 Human</a><br><a href="#">P08138</a>  |
| <b>Background:</b>             | Nerve growth factor receptor contains an extracellular domain containing four 40-amino acid repeats with 6 cysteine residues at conserved positions followed by a serine/threonine-rich region, a single transmembrane domain, and a 155-amino acid cytoplasmic domain. The cysteine-rich region contains the nerve growth factor binding domain. [provided by RefSeq, Jul 2008] |



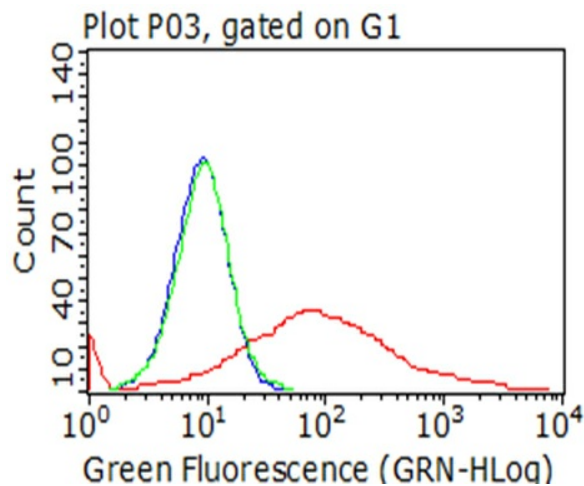
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**Synonyms:** CD271; Gp80-LNGFR; p75(NTR); p75NTR; TNFRSF16  
**Protein Families:** Druggable Genome, Transmembrane  
**Protein Pathways:** Cytokine-cytokine receptor interaction, Neurotrophin signaling pathway

**Product images:**



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY NGFR ([RC207966], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-NGFR (1:500).



Flow cytometric analysis of living 293T cells transfected with NGFR overexpression plasmid ([RC207966]), Red/empty vector ([PS100001], Blue) using anti-NGFR antibody (TA812989). Cells incubated with a non-specific antibody (Green) were used as isotype control (1:100).