

Product datasheet for **CF812991**

p75 NGF Receptor (NGFR) Mouse Monoclonal Antibody [Clone ID: OTI2A1]

Product data:

| | |
|--------------------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI2A1 |
| Applications: | FC |
| Recommended Dilution: | FLOW 1:100 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Mouse |
| Isotype: | IgG2a |
| Clonality: | Monoclonal |
| Immunogen: | Full length human recombinant protein of human Ngfr (NP_002498) produced in HEK293T cell. |
| Formulation: | Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose) |
| Reconstitution Method: | For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific) |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 45.18 kDa |
| Gene Name: | nerve growth factor receptor |
| Database Link: | NP_002498 Entrez Gene 18053 Mouse Entrez Gene 24596 Rat Entrez Gene 4804 Human P08138 |



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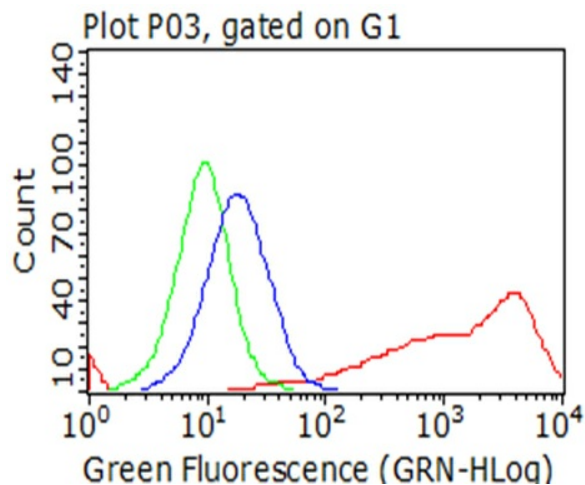
Background: Nerve growth factor receptor contains an extracellular domain containing four 40-amino acid repeats with 6 cysteine residues at conserved positions followed by a serine/threonine-rich region, a single transmembrane domain, and a 155-amino acid cytoplasmic domain. The cysteine-rich region contains the nerve growth factor binding domain. [provided by RefSeq, Jul 2008]

Synonyms: CD271; Gp80-LNGFR; p75(NTR); p75NTR; TNFRSF16

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Cytokine-cytokine receptor interaction, Neurotrophin signaling pathway

Product images:



Flow cytometric analysis of living 293T cells transfected with NGFR overexpression plasmid ([RC207966]), Red/empty vector ([PS100001], Blue) using anti-NGFR antibody ([TA812991]). Cells incubated with a non-specific antibody (Green) were used as isotype control (1:100).