

## Product datasheet for **TA812984M**

### **p75 NGF Receptor (NGFR) Mouse Monoclonal Antibody [Clone ID: OTI2H6]**

#### **Product data:**

Product Type:	Primary Antibodies
Clone Name:	OTI2H6
Applications:	FC, WB
Recommended Dilution:	WB 1:500, FLOW 1:100
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human Ngfr (NP_002498) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
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:	<a href="#">NP_002498</a> <a href="#">Entrez Gene 18053 Mouse</a> <a href="#">Entrez Gene 24596 Rat</a> <a href="#">Entrez Gene 4804 Human</a> <a href="#">P08138</a>
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]

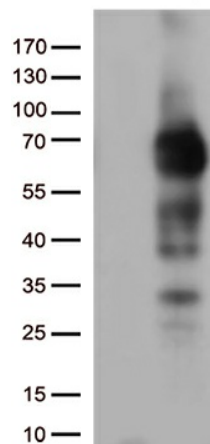

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**Synonyms:** CD271; Gp80-LNGFR; p75(NTR); p75NTR; TNFRSF16

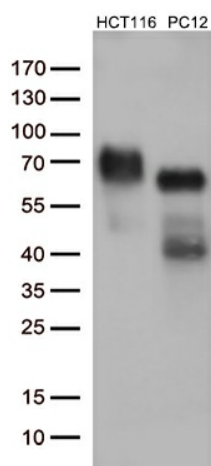
**Protein Families:** Druggable Genome, Transmembrane

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

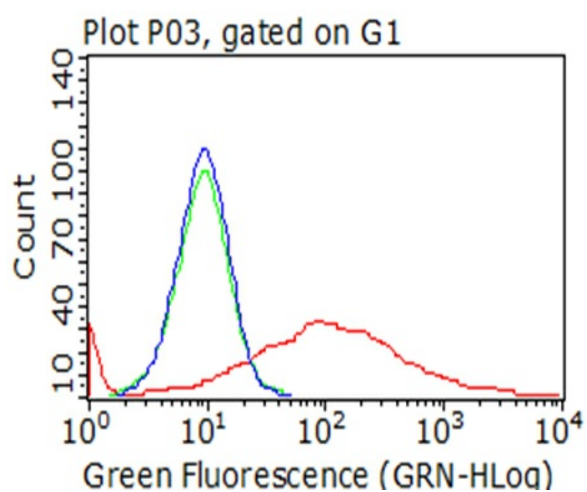
**Product images:**



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).



Western blot analysis of extracts (35ug) from 2 cell lines lysates by using anti-NGFR monoclonal antibody (1:500).



Flow cytometric analysis of living 293T cells transfected with NGFR overexpression plasmid ([RC207966]), Red)/empty vector ([PS100001], Blue) using anti-NGFR antibody ([TA812984]). Cells incubated with a non-specific antibody (Green) were used as isotype control (1:100).