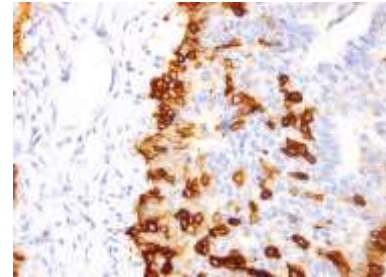


## Anti-Nerve Growth Factor Receptor Antibody (IHC637)

<b>CATALOG NO:</b>	A1548-50
<b>ALTERNATIVE NAMES:</b>	CD271 antigen, Low affinity neurotrophin receptor p75NTR, Low-affinity nerve growth factor receptor, NGF receptor, low affinity nerve growth factor receptor, Nerve growth factor receptor, Nerve growth factor receptor (TNFR superfamily, member 16), p75 ICD, Gp80-LNGFR
<b>AMOUNT:</b>	50 µl
<b>IMMUNOGEN:</b>	Nerve Growth Factor Receptor (NGFR)
<b>HOST/ISOTYPE:</b>	IgG1, kappa
<b>CLONALITY:</b>	Monoclonal
<b>CLONE:</b>	IHC637
<b>MOL WEIGHT:</b>	75 kDa
<b>SPECIES REACTIVITY:</b>	Human
<b>PURIFICATION:</b>	Protein A/G purification
<b>FORM:</b>	Liquid
<b>FORMULATION:</b>	Tris Buffer, pH 7.3 - 7.7, with 1% BSA and <0.1% Sodium Azide
<b>STORAGE CONDITIONS:</b>	Shipped at 4°C. For long term storage store at 4°C. <b>Do not freeze.</b>
<b>DESCRIPTION:</b>	Nerve Growth Factor Receptor (NGFR), also known as p75, P-75NTR or CD271, is a neurotrophin receptor belonging to the tumor necrosis factor receptor family. NGFR is expressed mainly in Schwann cells and neurons, as well as a number of other non-neuronal cell types, and functions during central and peripheral nervous system development to regulate neuronal growth, migration, differentiation, and cell death. Nerve Growth Factor Receptor is also expressed in melanocytes, melanomas, neuroblastomas, pheochromocytomas, neurofibromas, neurotized nevi (type C melanocytes), and other neural crest cell or tumor derivatives. It has been suggested that NGFR may act as a tumor suppressor indicated in prostate and urothelial cancer, and Anti-Nerve Growth Factor Receptor (NGFR) is often used in adjunct with S100, to aid in the diagnosis of desmoplastic and neurotropic malignant melanomas. Anti-NGFR is also useful as an aid in the diagnosis of breast malignancy, as the antibody labels the myoepithelial cells of breast ducts and intralobular fibroblasts of breast ducts.
<b>APPLICATION:</b>	IHC: 1:100 - 1:200

**Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.**



**Formalin-fixed, paraffin-embedded Cervix stained with Nerve Growth Factor Receptor (NGFR) [IHC637]**

### RELATED PRODUCTS:

- NGFR Antibody (Clone # 8G3G10) (Cat. No. 6789)

**FOR RESEARCH USE ONLY! Not to be used on humans.**