

12-1224: Anti-NGF-Receptor (p75) / CD271 (Soft Tissue Tumor Marker) Recombinant Rabbit Monoclonal Antibody (Clone:NGFR/1997R)

Clonality :	Monoclonal
Clone Name :	NGFR/1997R
Application :	IHC
Reactivity :	Human
Gene :	NGFR
Gene ID :	4804
Uniprot ID :	P08138
Format :	Purified
Alternative Name :	CD271; Gp80-LNGFR; Low affinity nerve growth factor receptor; Low affinity neurotrophin receptor p75NTR; Nerve growth factor receptor (NGFR); p75 ICD; p75 Neurotrophin receptor; Tumor necrosis factor receptor superfamily member 16 (TNFRSF16)
Isotype :	Rabbit IgG, kappa
Immunogen Information :	Recombinant full-length human p75 NGFR protein

Description

It recognizes a glycoprotein of 75kDa, identified as low affinity Nerve Growth Factor (NGF) Receptor (p75NGFR) or Neurotrophin Receptor (p75NTR). NGFR is expressed in various neural crest cells and their tumors such as melanocytes, melanomas, neuroblastomas, pheochromocytomas and neurofibromas. Reportedly, anti-NGFR is a reliable marker for desmoplastic and neurotropic melanomas. NGFR is expressed in mature non-neural cells such as perivascular cells, dental pulp cells, lymphoid follicular dendritic cells, basal epithelium of oral mucosa and hair follicles, prostate basal cells, and myoepithelial cells. Anti-NGFR stains the myoepithelial cells of breast ducts and intra-lobular fibroblasts of breast ducts.

Product Info

Amount :	20 µg / 100 µg
Purification :	Protein A/G
Content :	200µg/ml of recombinant MAb purified by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Storage condition :	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.

Application Note

Immunohistochemistry (Formalin-fixed) (1-2µg/ml for 30 minutes at RT),(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95 °C followed by cooling at RT for 20 minutes),

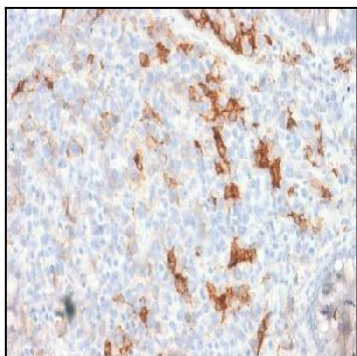


Figure 1: Formalin-fixed, paraffin-embedded human Melanoma stained with NGFR Rabbit Recombinant Monoclonal Antibody (NGFR/1997R).

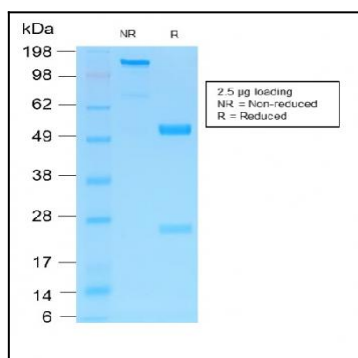


Figure 2: SDS-PAGE Analysis of Purified NGFR Rabbit Recombinant Monoclonal Antibody (NGFR/1997R).