

36-1518: Monoclonal Antibody to NGF-Receptor (p75) / CD271 (Soft Tissue Tumor Marker)(NGFR5 + NTR/912)

Clonality :	Monoclonal
Clone Name :	NGFR5 + NTR/912
Application :	IHC,FACS,IF
Reactivity :	Human
Gene :	NGFR
Gene ID :	4804
Uniprot ID :	P08138
Format :	Purified
Alternative Name :	NGFR,TNFRSF16
Isotype :	Mouse IgG1, kappa + Mouse IgG1, kappa
Immunogen Information :	NGFR from A875 melanoma cells (NGFR5); Recombinant human p75 NGFR protein (NTR/912)

Description

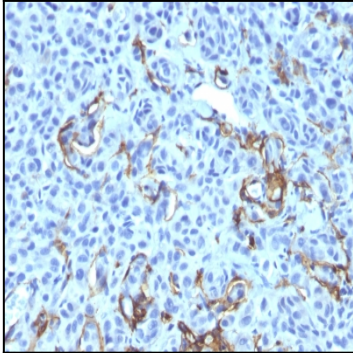
It recognizes a glycoprotein of 75kDa, identified as low affinity Nerve Growth Factor (NGF) Receptor (p75NGFR) or Neurotrophin Receptor (p75NTR). NGFR is expressed in various neural crest cells and their tumors such as melanocytes, melanomas, neuroblastomas, pheochromocytomas and neurofibromas. Reportedly, 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

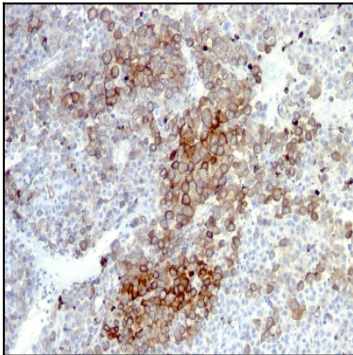
Amount :	100 µg
Purification :	Affinity Chromatography
Content :	100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml); Immunohistochemistry (Formalin-fixed) (1-2ug/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);



Formalin-fixed, paraffin-embedded human Melanoma stained with NGFR Monoclonal Antibody (NGFR5 + NTR/912).



Formalin-fixed, paraffin-embedded human Melanoma stained with NGFR Monoclonal Antibody (NGFR5 + NTR/912).