

Rabbit Anti-Nerve Growth Factor Receptor (NGFR)/p75 [EP31]: RM0146

Intended Use: For Research Use Only

Description: NGFR, also known as p75NTR, is a receptor of neurotrophins and involved in survival, differentiation and apoptosis of neuron. It is expressed in neuronal cells in various tissues and tumors with neuronal origin. Recent studies suggested that NGFR is also expressed in melanocytes, myoepithelial cells, basal-like cells, perivascular cells and lymphoid dendritic cells. NGFR is helpful in identification of perineural invasion of malignant skin tumors with a panel of antibodies. It is also a complementary marker to S-100 for identification of desmoplastic melanomas. In addition, NGFR maybe used in identifying myoepithelial or basal-like cell differentiation in breast cancer.

Specifications

Clone: EP31
Source: Rabbit
Isotype: IgG
Reactivity: Human
Localization: Cytoplasm
Formulation: Purified antibody in 0.2% BSA and 15mM sodium azide (NaN₃)
Storage: Store at 2°- 8°C. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles
Applications: IHC
Package:

Description	Catalog No.	Size
Nerve Growth Factor Receptor (NGFR)/p75 Concentrated	RM0146	1 ml

IHC Procedure*

Positive Control Tissue: Neuroblastoma, brain, breast, prostate, CNS tumor
Concentrated Dilution: 50-200
Pretreatment: Citrate pH6.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C
Incubation Time and Temp: 30-60 minutes @ RT
Detection: Refer to the detection system manual

* Result should be confirmed by an established diagnostic procedure.