

Monoclonal Antibody to NGF-Receptor (p75NGFR) / Neurotrophin Receptor

Catalog No.:	DM3154
Quantity:	0.5 ml
Concentration:	0.2 mg/ml
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	SM10P (for use in human samples), AM03095PU-N
Clone:	NGFR5
Immunogen:	NGFR (75kD) from A875 Melanoma Cells.

Format: This antibody is supplied as liquid, Protein G affinity purified immunoglobulin fraction in 10 mM PBS pH 7.4 containing 0.2% BSA as stabilizer and 0.09% Sodium Azide as preservative.

Applications: Flow Cytometry. Immunofluorescence. Inhibits Binding of NGF to Melanoma Cells (use antibody without azide). Immunohistology on formalin-fixed, paraffin-embedded tissue sections (use 1-2µg/ml for 30 min at RT; Staining of formalin-fixed tissues REQUIRES boiling tissue sections in 10mM citrate buffer, pH 6.0). Not suitable for Western Blotting. Other applications not tested. Optimal dilutions of this antibody are dependent on conditions and should be determined by the user.
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Specificity: This antibody reacts with the NGF Receptor. NGF is important for the development, differentiation, and survival of variety of neuronal and non-neuronal cells. Its action is mediated by binding two distinct receptors, the high affinity p140 and low affinity Nerve Growth Factor (NGF) Receptor (p75 NGFR) or Neurotrophin Receptor (p75NTR). Recommended Positive Control: Melanoma. Cellular Localization: Cell Surface, Cytoplasmic. Species Reactivity: Human, Monkey (*Cebus apella*, *Macaca fascicularis*, *mulatta*, and *nemestrina*), Baboon (*Papio anubis* and *Cynocephalus*), Cat, Rabbit, and Ferret. Does not react with Mouse and Rat. Others not tested.

Storage: Store the antibody at 4°C. Do not freeze! Shelf life: one year from despatch.

General Readings: 1. Marano N, et. al. Journ