

Product Datasheet

NGFR/TNFRSF16/p75NTR Antibody (SPM299) - Azide and BSA Free NBP3-11470

Unit Size: 0.1 mg

Store at -20 to -80C. Avoid freeze-thaw cycles.

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NBP3-11470

NGFR/TNFRSF16/p75NTR Antibody (SPM299) - Azide and BSA Free

| Product Information | |
|-------------------------|---|
| Unit Size | 0.1 mg |
| Concentration | 1 mg/ml |
| Storage | Store at -20 to -80C. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | SPM299 |
| Preservative | No Preservative |
| Isotype | IgG1 Kappa |
| Purity | Protein A or G purified |
| Buffer | 10 mM PBS |
| Target Molecular Weight | 75 kDa |

| Product Description | |
|-------------------------|--|
| Description | 1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-44875). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C. |
| Host | Mouse |
| Gene ID | 4804 |
| Gene Symbol | NGFR |
| Species | Human, Feline, Ferret, Monkey, Baboon, Rabbit, Mouse (Negative), Rat (Negative) |
| Reactivity Notes | Does not react with Mouse or Rat. |
| Marker | Soft Tissue Tumor Marker |
| Specificity/Sensitivity | It recognizes a glycoprotein of 75kDa, identified as low affinity Nerve Growth Factor (NGF) Receptor (p75NGFR) or Neurotrophin Receptor (p75NTR). Its epitope spans in aa 1-160 of extracellular domain of NGFR/NTR. NGF-receptor contains an extracellular domain containing four 40-amino acid repeats with 6 cysteine residues at conserved positions followed by a serine/threonine-rich region, a single transmembrane domain, and a 155-amino acid cytoplasmic domain. The cysteine-rich region contains the nerve growth factor binding domain. 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 p75. |
| Immunogen | NGFR from A875 melanoma cells |

| Product Application Details | |
|-----------------------------|---|
| Applications | Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunofluorescence |
| Recommended Dilutions | Flow Cytometry 0.5 - 1 ug/million cells in 0.1 ml, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Immunohistochemistry-Paraffin 0.5 - 1.0 ug/ml, Immunofluorescence 1 - 2 ug/ml |

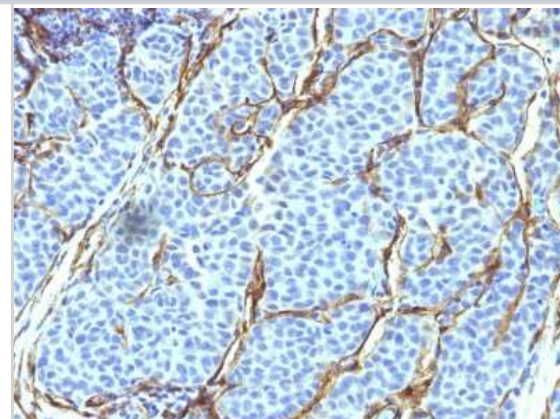


Application Notes

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 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

Images

Immunohistochemistry-Paraffin: NGFR/TNFRSF16/p75NTR Antibody (SPM299) - Azide and BSA Free [NBP3-11470] - Formalin-fixed, paraffin-embedded human Melanoma stained with NGFR/TNFRSF16/p75NTR Antibody (SPM299).





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Products Related to NBP3-11470

| | |
|-------------------|---|
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB720-B | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-43319-0.5mg | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) |
| NBP2-52198-0.05mg | Recombinant Human NGFR/TNFRSF16/p75NTR His Protein |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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