

## Product Datasheet

# Recombinant NGF-Receptor (p75) / CD271 (Soft Tissue Tumor Marker) Antibody (orb607560)

|                            |                                                                                                                                                                                                                                                  |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>         | Mouse monoclonal antibody to NGF-Receptor (p75) / CD271 (Soft Tissue Tumor Marker)                                                                                                                                                               |
| <b>Species/Host</b>        | Mouse                                                                                                                                                                                                                                            |
| <b>Reactivity</b>          | Human                                                                                                                                                                                                                                            |
| <b>Conjugation</b>         | Unconjugated                                                                                                                                                                                                                                     |
| <b>Tested Applications</b> | IHC, WB                                                                                                                                                                                                                                          |
| <b>Immunogen</b>           | Recombinant human p75 NGFR protein fragment (around aa 281-421) (exact sequence is proprietary)                                                                                                                                                  |
| <b>Target</b>              | NGFR                                                                                                                                                                                                                                             |
| <b>Preservatives</b>       | 200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% rAlbumin & 0.05% azide. Also available WITHOUT rAlbumin & azide at 1.0mg/ml.                                                                 |
| <b>Form/Appearance</b>     | 200ug/ml of Ab produced in HEK293 cell mammalian-based expression system. Prepared in 10mM PBS with 0.05% rAlbumin & 0.05% azide. Also available WITHOUT rAlbumin & azide at 1.0mg/ml.                                                           |
| <b>Concentration</b>       | Purified Ab with BSA and Azide at 200ug/ml                                                                                                                                                                                                       |
| <b>Storage</b>             | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.                                                                                                          |
| <b>Note</b>                | For research use only                                                                                                                                                                                                                            |
| <b>Application notes</b>   | Positive Control: Neuronal axons, Schwann cells and perineural cells of peripheral nerves or tumors of nerve sheath differentiation e. G. Schwannoma, Neurofibroma. Soma and axons of sensory neurons and ganglionic satellite cells. Melanomas. |

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|                        |                                                                                                                                                                                                                                                                                                                                       |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Isotype</b>         | IgG1                                                                                                                                                                                                                                                                                                                                  |
| <b>Clonality</b>       | Monoclonal                                                                                                                                                                                                                                                                                                                            |
| <b>Clone Number</b>    | rNGFR/1965                                                                                                                                                                                                                                                                                                                            |
| <b>Antibody Type</b>   | Recombinant Antibody                                                                                                                                                                                                                                                                                                                  |
| <b>MW</b>              | 75kDa                                                                                                                                                                                                                                                                                                                                 |
| <b>Uniprot ID</b>      | <b>P08138</b>                                                                                                                                                                                                                                                                                                                         |
| <b>Entrez</b>          | <b>4804</b>                                                                                                                                                                                                                                                                                                                           |
| <b>Dilution Range</b>  | Western Blot (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); Optimal dilution for a specific application should be determined. |
| <b>Expiration Date</b> | 12 months from date of receipt.                                                                                                                                                                                                                                                                                                       |

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