

# p75 NGF Receptor / CD271 antibody [NGFR/1997R]

# Cat. No. GTX17697

| Host         | Rabbit               |  |
|--------------|----------------------|--|
| Clonality    | Monoclonal           |  |
| Isotype      | IgG                  |  |
| Applications | IHC-P, Protein Array |  |
| Reactivity   | Human, Primate       |  |

Package 100 μg

# Applications

### **Application Note**

\*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution          |
|--------------------|-------------------------------|
| IHC-P              | 1-2µg/ml for 30 minutes at RT |
| Protein Array      | Assay dependent               |

Note: 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.

Not tested in other applications.

**Product Note** We do not recommend use of this product for Mouse, Rat samples.

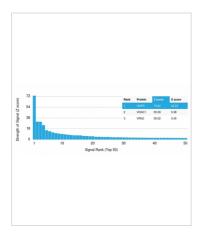
| Properties    |                                                                                                                                                                                                                            |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Form          | Liquid                                                                                                                                                                                                                     |
| Buffer        | PBS, 0.05% BSA                                                                                                                                                                                                             |
| Preservative  | 0.05% Sodium azide                                                                                                                                                                                                         |
| Storage       | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| Concentration | 0.2 mg/ml (Please refer to the vial label for the specific concentration.)                                                                                                                                                 |
| Immunogen     | Recombinant human full-length p75 NGFR protein                                                                                                                                                                             |
| Purification  | Protein A/G purified                                                                                                                                                                                                       |
| Conjugation   | Unconjugated                                                                                                                                                                                                               |
| Note          | For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.                                                                          |
|               | Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.                                                |



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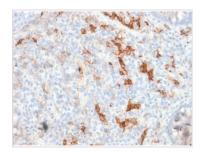
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### DATA IMAGES



### **GTX17697 Protein Array Image**

Analysis of Protein Array containing more than 19,000 full-length human proteins using NGFR Rabbit Recombinant Monoclonal Antibody (NGFR/1997R). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody produces when binding to a particular protein on the HuProtTM array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProtTM are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a Monoclonal Antibody to its intended target. A Monoclonal Antibody is considered to specific to its intended target if the Monoclonal Antibody has an S-score of at least 2.5. For example, if a Monoclonal Antibody binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that Monoclonal Antibody to protein X is equal to 29.



#### GTX17697 IHC-P Image

IHC-P analysis of human melanoma tissue using GTX17697 p75 NGF Receptor / CD271 antibody [NGFR/1997R].



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€ 886-3-6208988 886-3-6208989 infoasia@genetex.com