

Anti-Beta-nerve growth factor NGF Antibody Picoband® PE Conjugated

Catalog Number: RP1025-PE

About NGF

Nerve growth factor is a polypeptide involved in the regulation of growth and differentiation of sympathetic and certain sensory neurons. The nucleotide sequence of human and mouse beta-NGF are very similar. The beta-subunits of nerve growth factor (NGFB) have been assigned to mouse chromosome 3 and human chromosome 1p22. The human gene for the beta subunit of nerve growth factor is located on the proximal short arm of chromosome 1. A mutation in the nerve growth factor beta gene (NGFB) causes loss of pain perception.

Overview

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|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name | Anti-Beta-nerve growth factor NGF Antibody Picoband® PE Conjugated |
| Reactive Species | Human |
| Application | Recommended applications are based on the parent unconjugated antibody (ELISA, WB). Customers may select suitable applications according to their experimental needs. |
| Clonality | Polyclonal |
| Formulation | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% Na ₃ . |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light. |
| Host | Rabbit |
| Uniprot ID | P01138 |

Technical Details

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|---------------------|-----------------------------------------------------------------------|
| Immunogen | E. coli-derived human NGFB recombinant protein (Position: S122-A241). |
| Cross Reactivity | No cross-reactivity with other proteins |
| Isotype | Rabbit IgG |
| Form | Liquid |
| Concentration | 0.5 mg/mL |
| Purification | Immunogen affinity purified. |
| Conjugate | PE Excitation Wavelength: 566 nm Emission Wavelength: 574 nm |
| Suggested Dilutions | Optimal dilutions should be determined by end users. |

11 Publications Citing This Product

1. PubMed ID: 23554704, Effects of minocycline on the expression of NGF and HSP70 and its neuroprotection role following intracerebral hemorrhage in rats
2. PubMed ID: 25737696, Transplantation of human umbilical cord blood mesenchymal stem cells to treat a rat model of traumatic brain injury
3. PubMed ID: 21714933, Associations between proinflammatory cytokines in the synovial fluid and radiographic grading and pain-related scores in 47 consecutive patients with osteoarthritis of the knee

Visit bosterbio.com/anti-human-ngf-antibody-rp1025-boster.html to see all 11 publications.

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