



## Rabbit antibody to beta NGF: IgG

- Catalogue No.:** R-093-500
- Batch No.:** See product label
- Unit size:** 500 µg
- Antigen:** Native mouse beta NGF purified from submaxillary salivary gland (95% purity by PAGE)
- Other Names:** Beta-nerve growth factor
- Produced in:** NZ white rabbit
- Purity:** Protein G purified IgG
- Applications:** IHC, 1-site ELISA, WB, immunoblot, inhibition of biological activity. A concentration of 1-3 µg/ml is recommended for IHC, western blot and immunoblot, ELISA, inhibition of biological activity in vitro. Use neat for in vivo studies at 2-10 µg/ml (ED50). This antiserum completely inhibits neuronal survival and the outgrowth actions of murine NGF in chicken DRG in vitro. The optimal working dilution should be determined by the end user.
- Specificity:** A cross reactivity of less than 1% to recombinant human BDNF, NT3, NT4/5 by ELISA has been shown.
- Cross-reactivity:** This antiserum is known to cross react with mouse, rat, human and avian NGF but not bovine NGF.
- Form:** Lyophilised
- Reconstitution:** Reconstitute in 500 µl of sterile water. Centrifuge to remove any insoluble material.
- Storage:** After reconstitution keep aliquots at -20°C for a higher stability, and at 4°C with an appropriate antibacterial agent. Avoid repetitive freeze/thaw cycles. Glycerol (1:1) may be added for an additional stability.
- Expiry Date:** 12 months after purchase

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FOR RESEARCH USE ONLY