

Anti-Nerve Growth Factor [alphaD11] Vivopure 100 mg Ab00278-1.4-VPB

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This is a chimeric antibody created to reduce immunogenicity during in vivo applications.

Isotype and Format: Mouse IgG1, Fc Silent™, Kappa

Clone Number: alphaD11

Alternative Name(s) of Target: NGF; Ad11; alpha-D11; αD11

UniProt Accession Number of Target Protein: P01138

Published Application(s): Block, ELISA, IF, IHC

Published Species Reactivity: Rat, Mouse

Immunogen: Nerve growth factor is a small, secreted, signalling protein that is important for the growth, maintenance and survival of certain target neurons.

Specificity: Recognises Nerve Growth Factor in rat and mouse with analgesic effect.

Application Notes: This anti-NGF antibody is extremely effective at neutralizing the biological actions of NGF in a wide variety of *in vivo* systems.

Antibody First Published in: Cattaneo A, Rapposelli B, Calissano P. Three distinct types of monoclonal antibodies after long-term immunization of rats with mouse nerve growth factor. J Neurochem. 1988 Apr;50(4):1003-10. [PMID:2450170](#)

Note on publication:

Product Form

Size: 100 mg Vivopure products are produced at high purity (>98%), low endotoxin (<0.5 EU/mg) and are formulated without preservatives. As a result Vivopure products are the ideal choice for in vivo research applications.

Purification: Protein A affinity purified

Supplied In: PBS only, with >98% antibody purity and <1 EU/mg guaranteed.

Storage Recommendation: All vivopure products are formulated in PBS only without addition of preservatives. To ensure optimal storage and prevent microbial contamination, only open and dispense

under sterile conditions. Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: ≥ 1 mg (see vial label for exact conc)

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.