

Mouse NGF beta Monoclonal Antibody | anti-NGF antibody

NGF beta Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311996	Mouse	Human, Mouse, Rat	Immunofluorescence, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

NGF beta; Monoclonal Antibody; NGF beta Antibody; Beta nerve growth factor antibody; Beta NGF antibody; Beta-nerve growth factor antibody; Beta-NGF antibody; HSAN5 antibody; MGC161426 antibody; MGC161428 antibody; Nerve growth factor (beta polypeptide) antibody; Nerve growth factor antibody; Nerve growth factor beta antibody; Nerve growth factor beta polypeptide antibody; Nerve growth factor beta subunit antibody; NGF antibody; NGF_HUMAN antibody; NGFB antibody; NID67 antibody; anti-NGF antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	1G4
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-NGF antibody	IF (Immunofluorescence), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Amino acids 122-149 at the N-terminus of mature NGF of human origin.
Preparation and Storage	Store at -20°C.

IMAGES


WB (Western Blot)

Western blot analysis of NGF expression in mouse brain tissue extract.

ADDITIONAL INFORMATION

Related Product Information for anti-NGF antibody	Neurotrophins function to regulate naturally occurring cell death of neurons during development. The prototype neurotrophin is nerve growth factor (NGF), originally discovered in the 1950s as a soluble peptide promoting the survival of, and neurite outgrowth from, sympathetic ganglia. Three additional structurally homologous neurotrophic factors have been identified. These include brain-derived neurotrophic factor (BDNF), neurotrophin-3 (NT-3) and neurotrophin-4 (NT-4) (also designated NT-5). These various neurotrophins stimulate the in vitro survival of distinct, but partially overlapping, populations of neurons. The cell surface receptors through which neurotrophins mediate their activity have been identified. For instance, the Trk A receptor is the preferential receptor for NGF, but also binds NT-3 and NT-4. The Trk B receptor binds both BDNF and NT-4 equally well, and binds NT-3 to a lesser extent, while the Trk C receptor only binds NT-3.
Product Categories/Family for anti-NGF antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	90110037
NCBI GeneID	4803
UniProt Accession #	P01138; Q6FHA0; Q96P60; Q9P2Q8; Q9UKL8; A1A4E5
Molecular Weight	Calculate MW: 27 kDa
NCBI Official Full Name	Beta-nerve growth factor
NCBI Official Synonym Full Names	nerve growth factor (beta polypeptide)
NCBI Official Symbol	NGF
NCBI Official Synonym Symbols	NGFB; HSN5; Beta-NGF
NCBI Protein Information	beta-nerve growth factor; nerve growth factor, beta subunit
UniProt Protein Name	Beta-nerve growth factor
UniProt Gene Name	NGF
UniProt Synonym Gene Names	NGFB; Beta-NGF
UniProt Entry Name	NGF_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/ngf-beta-antibody-clone-1g4-immunofluorescence-immunoprecipitation-western-blot-elisa/311996>