Mouse anti-Human Nerve Growth Factor (NGF) Monoclonal Antibody | anti-NGF antibody

Monoclonal Antibody to Nerve Growth Factor (NGF)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA149507	**Mouse**	**Human**	**Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

Nerve Growth Factor (NGF); Monoclonal Antibody; Monoclonal Antibody to Nerve Growth Factor (NGF); NGFB; Beta-NGF; HSAN5; NGF-B; Beta-Nerve Growth Factor; anti-NGF antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	C1
Specificity	The antibody is a mouse monoclonal antibody raised against NGF. It has been selected for its ability to recognize NGF in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G Affinity Chromatography
Form/Format	Liquid; PBS, pH7.4, containing 0.02% NaN3, 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence	Glu19~Arg2 39
Applicable Applications for anti-NGF antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Sequence	Glu19~Arg239
Cross Reactivity	Human
Conjugation	None
Preparation and Storage	Store at 4 degree C for frequent use. Aliquot and store at -20 degree C for 12 months. Avoid repeated freeze/thaw cycles. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



IHC (Immunohiostchemistry)
DAB staining on IHC-P; Samples: Human Cerebrum Tissue; Primary Ab: 40ug/ml Mouse Anti-Human NGF Antibody Second Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



WB (Western Blot)
Western Blot; Sample: Recombinant NGF, Human.

ADDITIONAL INFORMATION

Product Categories/Family for anti-NGF antibody	Cytokine; Neuro Science

NCBI AND UNIPROT INFORMATION

NCBI GI #	90110037
NCBI GeneID	4803
UniProt Accession #	P01138; Q6FHA0; Q96P60; Q9P2Q8; Q9UKL8; A1A4E5
Molecular Weight	Calculate MW: 26 kDa Observed MW: 17kDa/27kDa
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; HSAN5; 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.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/nerve-growth-factor-ngf-antibody-clone-c1-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/149507