

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

Monoclonal Antibody to Nerve Growth Factor (NGF)

|                               |                      |                                     |
|-------------------------------|----------------------|-------------------------------------|
| CATALOG #<br><b>AAA151479</b> | HOST<br><b>Mouse</b> | APPLICATIONS<br><b>Western Blot</b> |
|-------------------------------|----------------------|-------------------------------------|

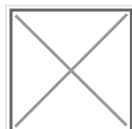
### PRODUCT SYNONYMS

Nerve Growth Factor (NGF); Monoclonal Antibody; Monoclonal Antibody to Nerve Growth Factor (NGF); NGF/Nerve Growth Factor; NGFB; BetaNGF; HSAN5; BetaNerve Growth Factor; anti-NGF antibody

### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Clonality                                     | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Isotype                                       | IgG1 Kappa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Clone Number                                  | C13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Purity/Purification                           | Protein A + Protein G affinity chromatography                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Form/Format                                   | Liquid; Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Concentration                                 | 1mg/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Applicable Applications for anti-NGF antibody | WB (Western Blot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Source                                        | Monoclonal antibody preparation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Cross Reactivity                              | Porcine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Immunogen                                     | Recombinant NGF (Glu19~Arg121+DDDDK+Ser122~Arg239) expressed in E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Preparation and Storage                       | <p><b>Storage:</b><br/>Avoid repeated freeze/thaw cycles.<br/>Store at 4 degree C for frequent use.<br/>Aliquot and store at -20 degree C for 24 months.</p> <p><b>Stability Test:</b><br/>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.</p> |

### IMAGES



#### WB (Western Blot)

Western Blot; Sample: Lane1: Hela cell lysate; Lane2: Porcine Pancreas lysate; Lane3: U87MG cell lysate Primary Ab: 0.5ug/ml Mouse AntiHuman NGF Antibody Second Ab: 0.2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)

ADDITIONAL INFORMATION

|                                                 |                                  |
|-------------------------------------------------|----------------------------------|
| Product Categories/Family for anti-NGF antibody | Cytokine; Neuro science; Primary |
|-------------------------------------------------|----------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                             |
|----------------------------------|-------------------------------------------------------------|
| NCBI GI #                        | 90110037                                                    |
| NCBI GeneID                      | 4803                                                        |
| UniProt Accession #              | P01138; Q6FHA0; Q96P60; Q9P2Q8; Q9UKL8; A1A4E5              |
| 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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/nerve-growth-factor-ngf-antibody-clone-c13-western-blot-elisa/151479>