

# Anti-Human β-NGF Antibody

Catalog # ABG10522

## **Specification**

### Anti-Human β-NGF Antibody - Product Information

Application WB, IHC, E
Reactivity Human
Host Rabbit
Clonality Polyclonal

### Anti-Human β-NGF Antibody - Additional Information

#### **Preparation**

Produced from sera of rabbits pre-immunized with highly pure recombinant Human  $\beta$ -NGF. Anti-Human  $\beta$ -NGF specific antibody was purified by affinity chromatography employing immobilized Human  $\beta$ -NGF matrix.

#### WesternBlot

To detect Human  $\beta$ -NGF by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2  $\mu$ g/ml. When used in conjunction with compatible secondary reagents, the detection limit for recombinant Human  $\beta$ -NGF is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.

#### Sandwich

To detect Human  $\beta$ -NGF by sandwich ELISA (using 100  $\mu$ l/well antibody solution) a concentration of 0.5 - 2.0  $\mu$ g/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with BioGems' Biotinylated Anti-Human  $\beta$ -NGF (60-247BT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant Human  $\beta$ -NGF.

#### **Immunohistochemistry**

This antibody stained formalin-fixed, paraffin-embedded sections of human pancreas adenocarcinoma. The recommended concentration is 0.5 mg/ml with an overnight incubation at 4°C. An HRP-labeled polymer detection system was used with a DAB chromogen. Optimal results were achieved without antigen retrieval. Optimal concentrations and conditions may vary.

#### **Neutralization**

To yield one-half maximal inhibition [<strong>ND</strong><sub>50</sub>] of the biological activity of Human  $\beta$ -NGF (1 ng/ml), a concentration of 0.05-0.08  $\mu$ g/ml of this antibody is required.

### **Formulation**

A sterile filtered antibody solution was lyophilized from PBS, pH 7.2.

#### Reconstitution

Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.

## **Storage**

-20°C

#### **Precautions**

Anti-Human β-NGF Antibody is for research use only and not for use in diagnostic or therapeutic



procedures.

## Anti-Human β-NGF Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-Human β-NGF Antibody - Images