

Anti-Human β -NGF Antibody

Catalog # ABG10524

Product Information

Application	WB, IHC, E
Reactivity	Human
Host	Mouse
Clonality	Monoclonal

Additional Information

Preparation	Produced in mice using highly pure recombinant human β -NGF as the immunizing antigen. This IgG2 _{bK} antibody was purified from cell culture by Protein G affinity chromatography.
WesternBlot	To detect Human β -NGF by Western Blot analysis this antibody can be used at a concentration of 4.0-8.0 μ g/ml. When used in conjunction with compatible secondary reagents, the detection limit for recombinant Human β -NGF is 4.0-8.0 ng/lane, under reducing or non-reducing conditions.
Sandwich	In a sandwich ELISA (assuming 100 μ /well), a concentration of 2.0-4.0 μ g/ml of this antibody will detect at least 200 pg/ml of recombinant Human β -NGF when used with BioGems's biotinylated antigen affinity purified anti-Human β -NGF (60-247BT) as the detection antibody at a concentration of approximately 0.5-1.0 μ g/ml.
Immunohistochemistry	This antibody stained formalin-fixed, paraffin-embedded sections of human pancreas adenocarcinoma. The recommended concentration is 2.5 μ g/mL with an overnight incubation at 4 °C. An HRP-labeled polymer detection system was used with a DAB chromogen. Heat induced antigen retrieval with a pH 9.0 buffer is recommended. See photo(s). Optimal concentrations and conditions may vary. <small>Tissue samples were provided by the Cooperative Human Tissue Network, which is funded by the National Cancer Institute. Information and photo are courtesy of Flagship Biosciences, LLC - Histology Services.</small>
Neutralization	To yield one-half maximal inhibition [ND ₅₀] of the biological activity of Human β -NGF (10.0 ng/ml), a concentration of 2.7 - 4.0 μ g/ml of this antibody is required.
Formulation	A sterile filtered antibody solution was lyophilized from PBS.
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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.