

Datasheet for ABIN5688734
anti-NGFB antibody



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Overview

Quantity:	0.5 mg
Target:	NGFB
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NGFB antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Neutralization (Neut)

Product Details

Immunogen:	beta-NGF antibody is produced in mice using highly pure (>98%) recombinant human beta-NGF as the immunizing antigen.
Clone:	M85-2B
Purification:	This IgG2bK antibody was purified from cell culture by Protein G affinity chromatography.

Target Details

Target:	NGFB
Alternative Name:	bNGF (NGFB Products)
Gene ID:	4803
UniProt:	P01138
Pathways:	NF-kappaB Signaling , RTK Signaling , Regulation of Cell Size

Application Details

Application Notes:	Neutralization: To yield one-half maximal inhibition [ND50] of the biological activity of hB-NGF (10.0 ng/mL), a concentration of 2.7 - 4.0 µg/mL of this antibody is required. ELISA: In a sandwich ELISA (assuming 100 µL/well), a concentration of 2.0-4.0 µg/mL of this antibody will detect at least 200 pg/mL of recombinant human β₁-NGF when used with our biotinylated antigen affinity purified anti-human β₁-NGF as the detection antibody at a concentration of approximately 0.5-1.0 µg/mL. Western Blot: To detect hβ₁-NGF by Western Blot analysis this antibody can be used at a concentration of 4.0-8.0 µg/mL. Used in conjunction with compatible secondary reagents the detection limit for recombinant hβ₁-NGF is 4.0-8.0 ng/lane, under reducing or non-reducing conditions.
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Storage:	4 °C, -20 °C
Storage Comment:	beta-NGF lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. Reconstitute in sterile water to a concentration of 0.1 - 1.0 mg/mL. The antibody is stable for at least six weeks at 2-4°C when reconstituted.