

NGF beta antibody [R711]

Cat. No. GTX02162

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	Neutralizing/Inhibition
Reactivity	Human

Package

200 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
Neutralizing/Inhibition	Assay dependent

Note : 1. In a functional ELISA which immobilized Human NGF beta protein (GTX01287-pro) at 2 µg/ml (100 µl/well) in the plate, this antibody can block the binding of 5 µg/ml of biotinylated Human NTRK1/Fc Chimera proteinp to Human β-NGF protein. And the EC₅₀ is 3.84 µg/ml.

2. The neutralization activity of this antibody is measured by its ability to neutralize β-NGF-induced proliferation in TF-1 cells. The Neutralization titer (IC₅₀) is typically 0.048-0.19 µg/ml in the presence of 10 ng/ml recombinant Human β-NGF protein.

Not tested in other applications.

Properties

Form	Liquid
Buffer	Filter-sterilized Histidine and Arginine buffer, 120mM NaCl, 0.02% Tween-80
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	Batch dependent (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant Human NGF beta protein (active) (GTX01287-pro)
Purification	Purified by Protein A
Endotoxin	< 3 EU/mg
Conjugation	Unconjugated

Note

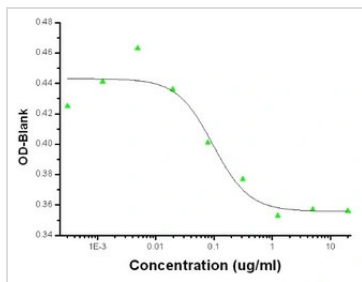
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DATA IMAGES



GTX02162 Neutralizing/Inhibition Image

Proliferation of TF-1 cells elicited by Human NGF beta protein (active) (GTX01287-pro, 10 ng/ml) is neutralized by increasing concentrations of GTX02162 NGF beta antibody [R711].

IC₅₀ : 0.0480.19 µg/ml.



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