

p75 NGF Receptor / CD271 antibody

Cat. No. GTX102262

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IHC-Fr, FCM
Reactivity	Human, Mouse, Rat

References (1)

Package

100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IHC-Fr	1:100-1:1000
FCM	Assay dependent

Note : Membrane permeabilization is required for this application.

Not tested in other applications.

Calculated MW 45 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 1% BSA, 20% Glycerol
Preservative	0.025% ProClin 300
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	0.43 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the Intracellular domain of human p75 NGF Receptor / CD271. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

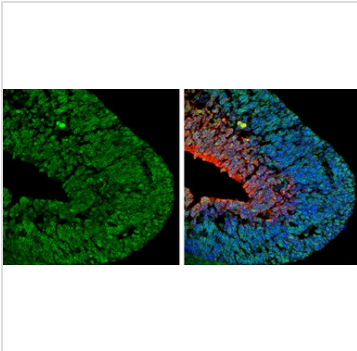


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Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES

GTx102262 IHC-Fr Image

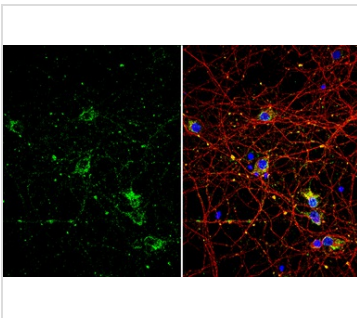
p75 NGF Receptor antibody detects p75 NGF Receptor protein expression by immunohistochemical analysis.

Sample: Frozen sectioned E13.5 Rat brain.

Green: p75 NGF Receptor protein stained by p75 NGF Receptor antibody (GTx102262) diluted at 1:250.

Red: beta Tubulin 3/ TUJ1, a mature neuron marker, stained by beta Tubulin 3/ TUJ1 antibody [GT11710] (GTx631836) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTx30920).


GTx102262 ICC/IF Image

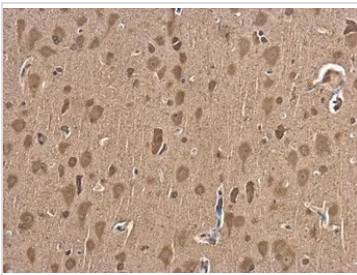
p75 NGF Receptor / CD271 antibody detects p75 NGF Receptor / CD271 protein by immunofluorescent analysis.

Sample: DIV10 rat E18 primary cortical neuron cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: p75 NGF Receptor / CD271 stained by p75 NGF Receptor / CD271 antibody (GTx102262) diluted at 1:500.

Red: Tau, stained by Tau antibody [GT287] (GTx634809) diluted at 1:500.

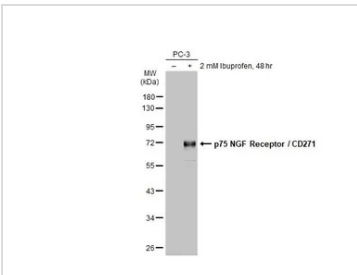
Blue: Fluoroshield with DAPI (GTx30920).


GTx102262 IHC-P Image

p75 NGF Receptor antibody detects p75 NGF Receptor protein at cytoplasm in rat brain by immunohistochemical analysis.

Sample: Paraffin-embedded rat brain.

p75 NGF Receptor antibody (GTx102262) diluted at 1:500.


GTx102262 WB Image

Untreated (-) and treated (+) PC-3 whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with p75 NGF Receptor / CD271 antibody (GTx102262) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.



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