

Anti-NGFR/p75 Neurotrophin Receptor (p75NTR) Antibody



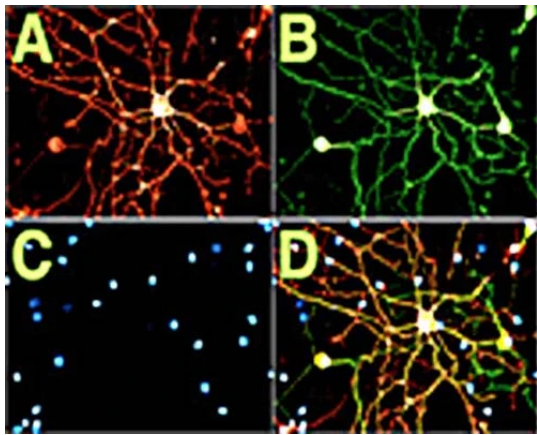
Product Details

Available Variants	100 µg (SKU:M-006-100)
Conjugate	Unconjugated
Isotype	IgG1
Clone	MC192
Host Species	Mouse
Format	Protein G purified IgG
Physical State	Lyophilized
Buffer	Lyophilized from a solution containing 0.1% Trehalose in PBS pH 7.4
Applications	ELISA, IHC, WB
Dilution Ranges	WB: 1-5 µg/mL IHC: 1-2 µg/mL IP: 5 µg/mL ELISA: 1-5 µg/mL
Species Reactivity	Rat
Immunogen	NGF receptor
Specificity	MC192 is specific only for RAT NGFR, no reactivity to Human or mouse NGFR has been reported This monoclonal antibody has been tested for immunohistochemical localisation of p75NTR-expressing rat cells in the spinal cord and brain. This monoclonal antibody does not cross react with p75NTR-expressing cells in other species.
Storage	Spin vial briefly before opening. Reconstitute in 100 µL sterile-filtered, ultrapure water. Centrifuge to remove any insoluble material. The MC192 is supplied in lyophilized form from Protein G-purified hybridoma cell culture supernatants. The lyophilized antibody is stable when stored at 2-8°C or -20°C. After

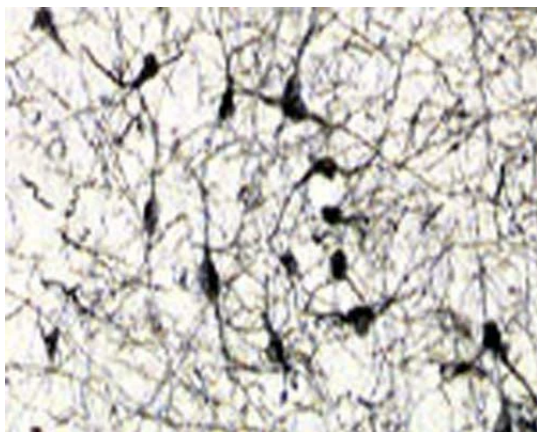
reconstitution undiluted aliquots should be kept at -20°C for up to six months. For additional stability Glycerol (1:1) may be added after reconstitution. Repetitive freeze/thaw cycle should be avoided.

UniProt ID	P07174
Country of Origin	United States
Shipping	25°C (ambient)
Expiration	12 months after date of receipt (unopened vial).
Usage Statement	For research use only.

Product Images



Immunofluorescent detection of p75NTR in cultured rat dorsal root ganglion (DRG). (A) Detection of p75NTR using mouse monoclonal antibody to rat p75NTR [MC192] M-006-100. (B) Detection of betaIII-Tubulin. (C) DAPI staining. (D) Merged A, B and C.



Immunohistochemical staining of p75NTR in rat forebrain using mouse monoclonal antibody to rat p75NTR [MC192], catalogue number M-006-50. Paraformaldehyde fixed rat brain sections were incubated with 1 µg/mL antibody overnight, followed by incubation with biotinylated rabbit anti-mouse IgG conjugate. The immunocomplex was then visualised with DAB. Neurons, in the septal nuclei of basal forebrain, known to be cholinergic neurons, show strong staining for p75NTR.



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