Antibodies

Catalog #60101

Anti-Rat NGF Receptor/p75NTR (CD271) Antibody, Clone 192-IgG

Mouse monoclonal IgG1 antibody against rat NGFR/p75NTR (CD271), unconjugated

100 µg

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Product Description

The 192-IgG (MC192) antibody clone reacts with CD271 (p75NTR), a 75 kDa type I transmembrane protein. The p75 neurotrophin receptor (p75NTR) is also known as the low affinity NGF receptor (LNGFR) or CD271. This antibody is useful for the detection of all cells expressing p75NTR on their surface, such as motor neurons in spinal cord, cholinergic basal forebrain neurons, activated Schwann cells, olfactory ensheathing glial cells, and numerous cell lines. This antibody reacts with extracellular domain of the neurotrophin receptor p75NTR from rat but not other species.

Target Antigen Name:	NGF Receptor, p75NTR (CD271)
Alternative Names:	Gp80-LNGFR, Low-affinity nerve growth factor receptor, NGF receptor, Low-affinity neurotrophin receptor p75NTR, p75 ICD
Gene ID:	24596
Species Reactivity:	Rat
Host Species:	Mouse (BALB/c)
Clonality:	Monoclonal
Clone:	192-IgG (MC192)
Isotype:	IgG1
Immunogen:	Detergent-solubilized proteins isolated from the rat pheochromocytoma cell line PC12
Conjugate:	Unconjugated

Applications

Verified:	IHC
Reported:	FA, FC, ICC, IHC, IP, WB

Abbreviations: CellSep: Cell separation; ChIP: Chromatin immunoprecipitation; FA: Functional assay; FC: Flow cytometry; ICC: Immunocytochemistry; IF: Immunofluorescence microscopy; IHC: Immunohistochemistry; IP: Immunoprecipitation; RIA: Radioimmunoassay; WB: Western blotting

Properties

Formulation:	Lyophilized
Purification:	The antibody was purified by protein G chromatography.
Stability and Storage:	Product stable at -20°C when stored undiluted. For product expiry date, please contact techsupport@stemcell.com.
Directions for Use:	Centrifuge vial before opening. Resuspend the product in 0.1 mL sterile water. Glycerol at 1:1 may be added after resuspension. Centrifuge if solution is not clear. NOTE: Once resuspended, store stock dilution at -20°C. Avoid repeated freeze-thaw cycles. For immunohistochemistry the suggested concentration of this antibody is 1 - 2 µg/mL. It is recommended that the antibody be titrated for optimal performance for each application.

Related Products

For a complete list of antibodies, including other conjugates, sizes and clones, as well as related products available from STEMCELL Technologies, please visit our website at www.stemcell.com/antibodies or contact us at techsupport@stemcell.com.

References

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