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MOUSE ANTI-NERVE GROWTH FACTOR RECEPTOR MONOCLONAL ANTIBODY

CATALOG NUMBER:	MAB5592	**QUANTITY:**	100 µg
LOT NUMBER:			
CLONE NAME:	MLR2	**HOST/ISOTYPE:**	IgG_{2a}

SPECIFICITY: Nerve Growth Factor Receptor (NGF Receptor p75).

IMMUNOGEN: Human p75 coupled to an Fc fragment.

APPLICATIONS: Immunohistochemistry on motor neurons in spinal cord with lesioned siatic nerve: 1-2 µg/mL. Suggested fixative is 4% formaldehyde. The antibody has not yet been tested on paraffin embedded tissue.
Optimal working dilutions must be determined by end user.

SPECIES REACTIVITY: Mouse, human and rat. Other species have not yet been tested.

FORMAT: Purified immunoglobulin.

PRESENTATION: Lyophilized. Contains no preservative. Reconstitute with 100 µL of sterile distilled water.

STORAGE/HANDLING: Maintain lyophilized material at -20°C for up to 12 months after date of receipt. After reconstitution maintain at -20°C to -70°C in undiluted aliquots for up to 6 months. Avoid repeated freeze/thaw cycles. Glycerol (ASC grade or better) can be added (1:1) for additional stability.

REFERENCES:

1. Matusica, D., et al. (2008). Characterization and use of the NSC-34 cell line for study of neurotrophin receptor trafficking. J Neurosci Res 86(3) pp 553-565.
2. Huh, C.Y., et al. (2008). Chronic exposure to nerve growth factor increases acetylcholine and glutamate release from Cholinergic Neurons of the rat medial septum and diagonal band of Broca via mechanisms mediated by p75NTR. J Neurosci 28(6) pp 1404-1409.
3. Lagares, A., et al. (2007). Primary sensory neuron addition in the adult rat trigeminal ganglion: evidence for neural crest glio-neuronal precursor maturation. J Neurosci 27(30) pp 7939-7953.
4. Rogers, M., et al. (2006). Functional monoclonal antibodies to p75 neurotrophin receptor raised in knockout mice. J. Neurosci Methods. 158(1) pp 109-120.

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Important Note: *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

FOR RESEARCH USE ONLY; NOT FOR USE IN DIAGNOSTIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION

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