

MOUSE ANTI-OLIGODENDROCYTES  
MONOCLONAL ANTIBODY

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<b>CATALOG NUMBER:</b>	MAB1580	<b>QUANTITY:</b>	100 µL
<b>LOT NUMBER:</b>			
<b>ALTERNATE NAMES:</b>	RIP		
<b>CLONE NAME:</b>	NS-1	<b>HOST/ISOTYPE:</b>	Ms IgG1
<b>SPECIFICITY:</b>	Oligodendrocytes and their myelin sheaths. MAB1580 stains both early and mature oligodendrocytes.		
<b>IMMUNOGEN:</b>	Rat olfactory bulb extract		
<b>APPLICATIONS:</b>	Immunohistochemistry: 1:200,000 on 4% paraformaldehyde fixed tissue. Immunocytochemistry Optimal working dilutions must be determined by the end user.		
<b>SPECIES REACTIVITY:</b>	Rat, mouse, human and hamster.		
<b>FORMAT:</b>	Ascites		
<b>PRESENTATION:</b>	Liquid with 0.1% sodium azide.		
<b>STORAGE/HANDLING:</b>	Maintain at -20°C in undiluted aliquots for up to 6 months after date of receipt. Avoid repeated freeze/thaw cycles		
<b>REFERENCES:</b>	<p>Rolls, A., et al., (2007) <i>Nature Cell Biology</i> <b>9</b>:1081-1088.</p> <p>Enzmann, G.U. <i>et al.</i> (2005). Consequences of noggin expression by neural stem, glial, and neuronal precursor cells engrafted into the injured spinal cord.. <i>Exp Neurol.</i> <b>195(2)</b>: 293-304.</p> <p><b>Applications: Immunofluorescence, Immunohistochemistry (tissue); Species: Rat</b></p> <p>Mitsui, T. <i>et al.</i> (2005). Transplantation of neuronal and glial restricted precursors into contused spinal cord improves bladder and motor functions, decreases thermal hypersensitivity, and modifies intraspinal circuitry.. <i>J Neurosci.</i> <b>25(42)</b>: 9624-9636.</p> <p><b>Applications: Immunofluorescence, Immunohistochemistry (tissue); Species: Rat</b></p> <p>Moe, M.C. <i>et al.</i> (2005). Multipotent progenitor cells from the adult human brain: neurophysiological differentiation to mature neurons.. <i>Brain</i> <b>128(9)</b>: 2189-99.</p> <p>Muotri, A.R. <i>et al.</i> (2005). Development of functional human embryonic stem cell-derived neurons in mouse brain.. <i>Proc Natl Acad Sci U S A.</i> <b>102(51)</b>: 18644-18648.</p> <p>Fernandez, M <i>et al.</i> (2004). Thyroid hormone administration enhances remyelination in chronic demyelinating inflammatory disease . <i>PNAS, USA</i> <b>101(46)</b>: 16363-16368.</p> <p>Fernandez, M <i>et al.</i> (2004). Thyroid hormone participates in the regulation of neural stem cells and oligodendrocyte precursor cells in the central nervous system of adult rat. <i>Eur J Neurosci</i> <b>20(8)</b>: 2059.</p>		

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**Applications: Immunofluorescence, Immunohistochemistry (tissue); Species: Rat**

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