



**MOUSE ANTI-RAT INTEGRIN  $\alpha$ M $\beta$ 2**  
**[Mac-1, CD11b/CD18]**  
**MONOCLONAL ANTIBODY**

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<b>CATALOG NUMBER:</b>	MAB1408	<b>QUANTITY:</b>	100 $\mu$ L
<b>LOT NUMBER:</b>		<b>HOST/ISOTYPE:</b>	Ms IgG <sub>1</sub>
<b>ALTERNATE NAMES:</b>	Mac-1; CD11b/CD18		
<b>SPECIFICITY:</b>	This antibody recognizes a membrane antigen on rat macrophages, monocytes, dendritic cells and granulocytes. It recognizes small ramified (micro) glial cells in the central nervous system. No other cell types are positive, except for the cilia of the bronchus epithelium. The recognized antigen is a heterodimer (160 and 95 kDa).		
<b>APPLICATIONS:</b>	Immunohistology: 1:100-1:400 (not for use on paraffin embedded tissue). <i>Optimal dilutions must be determined by the end user.</i>		
<b>SPECIES REACTIVITY:</b>	Reacts with Rat. Reactivity with other species has not been confirmed.		
<b>IMMUNOGEN:</b>	Spleen cell homogenate with FCA		
<b>PRESENTATION:</b>	Liquid containing 0.09% mM sodium azide as a preservative.		
<b>STORAGE/HANDLING:</b>	Maintain frozen at -20°C for up to 12 months in undiluted aliquots. Avoid repeated freeze/thaw cycles.		
<b>REFERENCES:</b>	<ol style="list-style-type: none"><li>1. Damoiseaux, J.G.M.C., <i>et al. J. Leukocyte Biol.</i> <b>46</b>:246-253 (1989).</li><li>2. Damoiseaux, J.G.M.C., <i>et al. J. Leukocyte Biol.</i> <b>46</b>:556-564 (1989).</li><li>3. De Groot, C.J.A., <i>et al. Immunobiology</i> <b>178</b>:177-190 (1988).</li></ol>		

*For research use only; not for use as a diagnostic.*

**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  $\mu$ L 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.*