

**RABBIT ANTI-RAT MONOCYTE CHEMOTACTIC PROTEIN-1  
AFFINITY PURIFIED POLYCLONAL ANTIBODY**

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<b>CATALOG NUMBER:</b>	<b>AB1834P</b>	<b>LOT NUMBER:</b>	
<b>QUANTITY:</b>	50 µg	<b>CONCENTRATION:</b>	1 mg/mL
<b>ALTERNATE NAMES:</b>	MCAF; MCP1; CCL2		
<b>SPECIFICITY:</b>	Reacts with rat macrophage/monocyte chemotactic protein-1.		
<b>APPLICATIONS:</b>	<p><u>Western blot:</u> 0.1 – 0.2 µg/mL; this dilution should offer a detection limit of 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.</p> <p><u>Neutralization:</u> To yield one-half maximal inhibition [ND<sub>50</sub>] of the biological activity of rat MCP-1 (100 ng/mL), a concentration of 4.0-6.0 µg/mL of this antibody is required.</p> <p><u>ELISA:</u> To detect rat MCP-1 by direct ELISA (using 100 µL/well antibody solution) a concentration of 0.5 – 2.0 µg/mL of this antibody is required. Should allow detection of 0.2 – 0.4 ng/well of recombinant rat MCP-1.</p> <p><i>Optimal working dilutions must be determined by the end user.</i></p>		
<b>IMMUNOGEN:</b>	Highly pure (>98%) recombinant rat MCP-1		
<b>SPECIES REACTIVITY:</b>	Reacts with rat. Reactivity with other species has not been confirmed		
<b>PRESENTATION:</b>	Affinity purified immunoglobulin employing immobilized rat MCP-1 matrix. Lyophilized from PBS pH 7.2 and contains no preservatives. Reconstitute with sterile distilled water to a concentration of ≥0.2 mg/ml.		
<b>STORAGE/HANDLING:</b>	Maintain lyophilized material desiccated at 2°-8°C for up to 12 months from date of receipt. After reconstitution maintain at -20°C in convenient undiluted aliquots for up to 6 months. Avoid repeated freeze/thaw cycles.		

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