



## **ANOGEN - A Division of YES Biotech Laboratories Ltd.**

2355 Derry Road East, Unit 23, Mississauga, ON L5S 1V6 • Tel: (905) 677-9221 • Fax: (905) 677-0023

### **Mouse anti-Human MCP-1 Monoclonal Antibody [9G10] Datasheet**

<b>Catalogue No</b>	MO-C40021E
<b>Product name</b>	Mouse anti-human MCP-1 monoclonal antibody [9G10]
<b>Clone No</b>	9G10
<b>Product type</b>	Primary antibodies
<b>Description</b>	Mouse monoclonal antibody to human Monocyte Chemotactic Protein-1 (MCP-1), Protein G affinity purified
<b>Target protein</b>	Human MCP-1
<b>Immunogen</b>	Purified recombinant human MCP-1
<b>Specificity</b>	This MAb reacts with natural and recombinant human MCP-1
<b>Reactivity</b>	Human, others not tested
<b>Cross-reactivity</b>	Does not react with human interleukin-8 (IL-8) and other human cytokines tested such as interleukin-1 $\beta$ (IL-1 $\beta$ ), serum amyloid A (SAA) and epidermal growth factor (EGF)
<b>Clonality</b>	Monoclonal
<b>Source</b>	Mouse
<b>Myeloma</b>	Sp2/0-Ag14
<b>Subclass</b>	IgG1
<b>Light Chain</b>	Kappa
<b>Formulation</b>	Lyophilized from a solution in 0.01M PBS, pH 7.2
<b>Reconstitution</b>	Double distilled water is recommended to adjust the final concentration to 1.00 mg/ml
<b>Applications</b>	<b>ELISA:</b> React with human MCP-1. Matched pair antibodies are available. <b>Neutralizing:</b> Tests on the ability to inhibit monocyte chemotaxis toward 1 nM recombinant human MCP-1 in blindwell chambers showed that the antibodies were particularly effective on blocking MCP-1 activity.
<b>Research</b>	Immunology, cytokine, and chemotaxis
<b>Storage</b>	Store at -20° C
<b>References</b>	If research is published using this product, please inform Anogen in order to cite the reference on this datasheet. Anogen will provide any product of choice as gratitude.

**This product is for LABORATORY RESEARCH USE and further manufacture only, and can not be administration to humans and animals for use in diagnostic and therapeutic procedures.**

**Manufactured by ANOGEN - A Division of YES Biotech Laboratories Limited**