



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

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### **Mouse anti-Human MCP-1 Monoclonal Antibody [S101] Datasheet (Tracer: Biotin-Conjugated)**

<b>Catalogue No</b>	MO-C40021TB
<b>Product name</b>	Biotin-Conjugated Mouse anti-Human MCP-1 Monoclonal Antibody (Tracer)
<b>Clone No</b>	S101
<b>Product type</b>	Matched Antibody Pair Tracer Antibody
<b>Description</b>	Mouse monoclonal antibody to Human Monocyte Chemotactic Protein-1 (MCP-1)/Monocyte Chemotactic Activating Factor (MCAF), Protein G affinity purified and conjugated with Biotin.
<b>Target protein</b>	Human MCP-1
<b>Immunogen</b>	Purified recombinant human MCP-1
<b>Specificity</b>	This monoclonal antibody 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>	Liquid. Buffer: in 0.01M PBS, pH 7.0 $\pm$ 0.1 in 1% gelatin and 0.1%NaN <sub>3</sub>
<b>Applications</b>	<b>ELISA:</b> This Biotin-conjugated monoclonal antibody can be used as a tracer/detection antibody in sandwich ELISA applications for human MCP-1 detection in combination with a capture antibody (Cat. No.: MO-C40021B). Suggested Capture Coating Dose: ~0.3 $\mu$ g/ml; Substrate: TMB. If the above suggested conditions are followed approximately 1.5 pg/mL of MCP-1 in serum/plasma or 4 pg/mL of MCP-1 in medium can be detected with an assay range of 0-1600 pg/mL.
<b>Research</b>	Immunology, cytokine, and chemotaxis
<b>Storage</b>	Store at -20 $^{\circ}$ 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.**

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