

## MCP1 / CCL2 antibody [S14]

Cat. No. GTX18677

<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Applications</b>	WB, ELISA, Neutralizing /Inhibition
<b>Reactivity</b>	Human

Package  
250 µg

## Applications

## Application Note

For ELISA: Use at an assay dependent dilution. This antibody can be used as a capture antibody in sandwich ELISA applications for human MCP-1 detection in combination with a monoclonal tracer/detection antibody (HRP-conjugated or biotin-conjugated). Suggested Capture Coating Dose: 0.3µg/well; 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. For Neut: Use at a concentration of 0.5 µg/ml. 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 at blocking MCP-1 activity at a concentration of 0.5µg/mL. It was also found that S-14 could inhibit the function of native MCP-1 at concentrations similar to inhibitory doses for recombinant MCP-1. For WB: Use at a concentration of 0.1-1.0 µg/ml. Optimal dilutions/concentrations should be determined by the researcher.

**Calculated MW** 11 kDa. ([Note](#))

**Product Note** This monoclonal antibody reacts with natural and recombinant human MCP-1. Does not react with human interleukin-8 (IL-8) and other human cytokines tested such as interleukin-1? (IL-1?), serum amyloid A (SAA) and epidermal growth factor (EGF).

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS
<b>Preservative</b>	No preservatives
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Recombinant full length protein (Human).
<b>Purification</b>	Protein G purified
<b>Conjugation</b>	Unconjugated



For full product information, images and publications, please visit our [website](#).

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

**Note**

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



For full product information, images and publications, please visit our [website](#).