



Abazyme, LLC

Mouse anti-Human MCP-1 Monoclonal Antibody Datasheet [S14]

Catalogue No MO-C400021B

Product name Mouse anti-human MCP-1 monoclonal antibody [S14]

Clone No S14

Product type Primary antibody

Description Mouse monoclonal antibody to human Monocyte Chemotactic Protein-1 (MCP-1), Protein G affinity purified

Target protein Human MCP-1

Immunogen Purified recombinant human MCP-1

Specificity This MAb reacts with natural and recombinant human MCP-1

Reactivity Human, others not tested

Cross-reactivity Does not react with human interleukin-8 (IL-8) and other human cytokines tested such as interleukin-1 β (IL-1 β), serum amyloid A (SAA) and epidermal growth factor (EGF)

Clonality Monoclonal

Source Mouse

Myeloma Sp2/0-Ag14

Subclass IgG1

Light Chain Kappa

Formulation Lyophilized from a solution in 0.01M PBS, pH 7.2

Concentration Double distilled water is recommended to adjust the final concentration to 1.00 mg/ml

Applications

ELISA: React with human MCP-1. Matched pair antibodies are available.

Neutralizing: Tests on the ability to inhibit monocyte chemotaxis toward 1 nM recombinant human MCP-1 in blind well chambers showed that the antibodies were particularly effective at blocking MCP-1 activity. 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

Western Blot: Concentration of 0.1-1.0 ug/mL will allow visualization of 0.1 ug/lane of human MCP-1

Research Immunology, cytokine, and chemotaxis

Storage Store at -20° C

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