

ANTIGENIX AMERICA Inc
1-800-558-1008
PRODUCT INFORMATION SUMMARY

Anti-Human-MCP-3

Purified Antibody	(Clone 13)	Product Number MC400420	0.1 mg
Purified Antibody	(Clone 42)	Product Number MC400520	0.1 mg

SPECIFICITY:

Human Monocyte Chemotactic Protein-3 (MCP-3), is a 8.5 kDa amino acid polypeptide of the chemokine family. These murine monoclonal antibodies react with both native and recombinant MCP-3 molecules and recognize different antigenic determinants.

IMMUNOGLOBULIN CHAIN COMPOSITION:

IgG1, kappa (clone 13)
IgG2a, kappa (clone 42)

SOURCE:

Murine ascites fluid.

CLONES:

Derived from hybridization of murine myeloma (SP2/0) cells with spleen cells from BALB/c mice immunized with purified, recombinant human MCP-3 of 8.5 kDa M.W containing 76 amino acid residues.

PURIFICATION METHOD: Protein G affinity chromatography.

RESEARCH APPLICATIONS:

Development of quantitative immunoassays*

Western Blot -For visualization of 100 ng/lane of MCP-3, use 1 -4 ug/mL (clone 13), or 0.5 - 2 ug/mL (clone 42).

Immunoaffinity purification of MCP-3

Identification of MCP-3 body fluids and tissue sections.

* **Matched antibody pairs available for ELISA** - see catalog.

CROSS-REACTIVITY:

Cross-reactivity with other cytokines, including IL 8, IL 1 Beta, MCP-1 (MCAF), and Bovine Serum Albumin was not observed in quality control testing.

NEUTRALIZING ACTIVITY:

Not tested.

HANDLING AND STORAGE:

Lyophilized, purified monoclonal antibody upon reconstitution with 0.2 ml of distilled water will be in a medium containing 0.01M phosphate-buffered saline, pH 7.4. These preparations should be diluted in a protein-containing or other stabilizing medium to a concentration suitable for use in specific protocols. Lyophilized reagents should be stored at -20° C until reconstitution. All reagents in a liquid state should be stored at 2-8° C when not in use. Purified anti-MCP-3 is provided free of stabilizing agents and preservatives to facilitate conjugation and immediate use in functional and immunological assays.

WARRANTY:

Products sold hereunder are warranted only to conform to the quantity and contents stated on the label at the time of delivery to the customer. There are no warranties, expressed or implied, which extend beyond the product label description.

RESEARCH USE ONLY - NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE.