

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

Anti-Human-MIP-1 Alpha

Purified Antibody	(Clone 16)	Product Number MC400722	0.1 mg
Purified Antibody	(Clone 25)	Product Number MC400720	0.1 mg

SPECIFICITY:

Human Macrophage Inflammatory Protein-1 Alpha (MIP-1), is a 7.8 kDa polypeptide of the chemokine family. MIP-1 Alpha is involved in the inflammatory response of macrophages and monocytes. These murine monoclonal antibodies react with both native and recombinant MIP-1 Alpha molecules.

IMMUNOGLOBULIN CHAIN COMPOSITION:

Mouse IgG1, kappa (clone 25)
Mouse IgG2a, kappa (clone 16)

SOURCE:

Murine ascites fluid.
Immunogen: Purified, recombinant human MIP-1 Alpha

CLONES:

Derived from hybridization of murine myeloma (SP2/0) cells with spleen cells from BALB/c mice immunized with purified, recombinant human MIP-1 Alpha.

PURIFICATION METHOD: Protein G affinity chromatography.

RESEARCH APPLICATIONS:

Development of quantitative immunoassays ;
Western Blot -For visualization of 0.5 ug/lane of MIP-1 Alpha, use 1 ug/mL concentration of antibody.
Immunoaffinity purification of MIP-1 Alpha
Identification of MIP-1 Alpha in tissue sections, body fluids.

CROSS-REACTIVITY:

Cross-reactivity with other cytokines, including IL 8, IL 1 Beta, MCP-1 (MCAF), M-CSF, GM-CSF, 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-MIP-1 Alpha 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.