

ANTIGENIX AMERICA, INC.
PRODUCT INFORMATION SUMMARY

**Anti-Human-
M-CSF**

Purified Antibody (Clone M16) Product Number MC600520 0.5 mg

SPECIFICITY:

Human Macrophage Colony Stimulating Factor (M-CSF), a 37 kDa molecular weight homodimeric glycoprotein. M-CSF regulates the proliferation and survival of monocytes and macrophages.

IMMUNOGLOBULIN CHAIN COMPOSITION: Mouse IgG2b, kappa

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 Macrophage Colony Stimulating Factor.

PURIFICATION METHOD: Protein G affinity chromatography.

RESEARCH APPLICATIONS:

Development of quantitative immunoassays; ELISA

Western Blot : 100 ug/mL antibody can visualize 5 ug/lane rhM-CSF under reducing conditions.

Identification of M-CSF in body fluids and tissue sections.

CROSS-REACTIVITY:

Cross-reactivity with other cytokines, including GM-CSF, IL 8, IL 1 Beta, 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 0.5 ml of distilled or sterile water will be in a medium containing 0.01M phosphate-buffered saline, pH 7.4. **Prior to reconstitution**, shake down any lyophilized material that may have adhered to top of vial. For long-term storage, small aliquots of reconstituted antibody should be frozen at high concentration. Avoid freeze-thaw cycles.

RESEARCH USE ONLY
NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE.

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