



MP Biomedicals, LLC

29525 Fountain Parkway
Solon, Ohio 44139

Telephone: 440/337-1200
Toll Free: 800/854-0530
Fax: 440/337-1180
mailto: biotech@mpbio.com
web: <http://www.mpbio.com>

TECHNICAL INFORMATION

Catalog Number: 50335

Purified Mouse Myeloma Protein IgM (Lambda1) MOPC 104E

DESCRIPTION: Product is purified mouse IgM (I1) and buffer.

Mouse IgM (I1) is purified from clarified mouse MOPC 104E ascites using multi-step procedures which may include salt fractionation, gel filtration, ion-exchange chromatography, affinity chromatography and immunoabsorption. The product is dialyzed into 0.02M TRIS, 0.15M sodium chloride, pH 8.1, filtered through a 0.22 µm filter and vialled.

USES: This product is suitable for use as a positive control in antibody identification screening techniques and is recommended as an ELISA coating antigen and control.

See **Related Product Ordering Information**.

SPECIFICATIONS: The total protein is determined using the Biuret procedure with bovine serum albumin as the standard and a TRIS blank. The product contains 1 mg of mouse IgM.

The product is tested for purity at 1.0 mg/ml using immunoelectrophoresis. The product is mouse IgM; no trace of IgG, IgA or non-immunoglobulin serum proteins is detected.

REFERENCE:

– Potter, M. "Immunoglobulin-producing Tumors and Myeloma Proteins of Mice." **Physiol. Rev.** 52: 631-719, 1972.

RELATED PRODUCT ORDERING INFORMATION:

Catalog #DescriptionSize

55440GOAT ANTI-MOUSE IGM (µ CHAIN)2ML
50336PURIFIED MOUSE MYELOMA IGM(K) TEPC 183 1MG
50346CLARIFIED MOUSE ASCITES IGM(I1) MOPC 104E 5MG
55519FITC AFF PUR GOAT ANTI-MOUSE IGM (µ CHAIN)2MG
55568HRP AFF PUR GOAT ANTI-MOUSE IGM (µ CHAIN)2ML
59295AKP AFF PUR GOAT ANTI-MOUSE IGM (µ CHAIN)1ML

Note: This product may contain a preservative such as sodium azide, thimerosal or proclin. Please see lot specific chemical credential for preservative information.

[If a titer/working dilution is not given above, please click here to see a general dilution chart for working with antibodies. Please note that the general dilution chart should only be used as a guideline. Each lab should determine their own optimal working dilution.](#)

[Will this antibody work with your application? Please click here to see a general chart of antibody applications. Please note that any information given above is primary application data. The general applications charts should only be used as a reference.](#)