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cappel

**PURIFIED MOUSE MYELOMA PROTEIN
IGM (LAMBDA1) MOPC 104E - 1MG**

Catalog #: 50335

Lot #: 01021

Total Protein: 1.1 mg/ml
Volume: 1.0 ml

DESCRIPTION:

Product is purified mouse IgM ($\square 1$) and buffer.

Mouse IgM ($\square 1$) 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 μ m filter and vialled. No preservative has been added.

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.

STORAGE:

Store unopened product at -70°C . Store opened material no longer than a few days at $2-8^{\circ}\text{C}$ unless sodium azide is added. For long-term storage, aliquot and freeze at -70°C .

REFERENCE:

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

WARNING AND CAUTION:

This product is intended **FOR RESEARCH USE ONLY**, not for use in diagnostic or therapeutic procedures involving humans or animals.

RELATED PRODUCT ORDERING INFORMATION:

Catalog # Description Size

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

Please see our catalog for a complete listing of Cappel purified mouse myeloma proteins and antibodies to mouse immunoglobulins.


Approved by: Joseph Dietz, Ph.D.
Quality Control Director

**TO PLACE AN ORDER IN THE U.S., PLEASE CALL 800-854-0530
OR TO OBTAIN TECHNICAL ASSISTANCE IN THE U.S., PLEASE CALL 800-279-5490
OUTSIDE THE U.S., CONTACT YOUR LOCAL DISTRIBUTOR.**