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# cappel

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

**Catalog #: 50335**

**Lot #: 04825**

Total Protein: 1.02 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  $\mu$ 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  $-70^{\circ}\text{C}$ . 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  $-70^{\circ}\text{C}$ .

## REFERENCE:

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

## WARNING AND CAUTION:

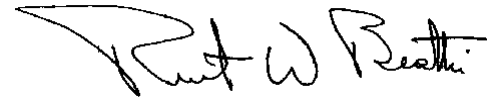
This product is intended **FOR RESEARCH USE ONLY**, not for use in diagnostic or therapeutic procedures involving humans or animals.

**RELATED PRODUCT ORDERING INFORMATION:**

Catalog #   Description   Size

55440	GOAT ANTI-MOUSE IGM ( $\mu$ 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 ( $\mu$ CHAIN)	2MG
55568	HRP AFF PUR GOAT ANTI-MOUSE IGM ( $\mu$ CHAIN)	2ML
59295	AKP AFF PUR GOAT ANTI-MOUSE IGM ( $\mu$ CHAIN)	1ML

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



**Approved by:** *Robert Beattie*  
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.**