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# cappel

**GOAT AFFINITY PURIFIED ANTIBODY TO  
MOUSE IGM ( $\mu$  CHAIN) - 2MG**

**Catalog #: 55484**

**Lot #: 01063**

Total Protein: 1.04 mg/ml

## **DESCRIPTION:**

Product is goat affinity purified antibody to mouse IgM ( $\mu$  chain) and buffer salts.

The affinity purified antibody is prepared from the specific goat IgG fraction by solid phase absorption. The resulting affinity purified antibody is dialyzed into 0.02M sodium phosphate, 0.14M sodium chloride, pH 7.3, with 0.05% sodium azide added and adjusted to standard titer, filtered through a 0.22  $\mu$ m filter, and vialled.

## **USES:**

This product is suitable for use as a precipitating antibody. It gives sharp precipitin lines in immunoelectrophoresis and immunodiffusion techniques.

This product is suitable for conjugation with enzymes, radiolabels, fluorochromes or other markers, and for attachment to solid supports for use as an immunoabsorbant.

This product is suitable for use as a primary reagent in enzyme immunoassays, fluorescein immunoassays and blot, cell or tissue immunostaining. These affinity purified antibodies are recommended to avoid non-specific binding from the inherent antibodies of host animals. (Note: F(ab')<sub>2</sub> fragments are recommended for staining of cells or tissues which contain Fc receptors. See

**Related Product Ordering Information** for these products.)

## **SPECIFICATIONS:**

The total protein is measured by absorbance (A<sub>280nm</sub>). Antibody titer is standardized with an in-house control by immunoelectrophoresis. Each affinity purified antibody is tested for purity at 10 mg/ml using immunoelectrophoresis. The product is goat IgG; no trace of albumin is detected. It shows reactivity to mouse IgM; cross-reactivity to other species may exist. Antibody activity to IgG, IgA, or non-immunoglobulin serum proteins is not present.

## **STORAGE:**

Store unopened product at 2-8°C. Store opened material no longer than 1-2 days at 2-8°C unless preservative is added. For long term storage, aliquot and store with 40% glycerol (v/v) at -20°C.

## **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  
55460 IGG GOAT ANTI-MOUSE IGM ( $\mu$  CHAIN) 5ML  
55473 F(AB')<sub>2</sub> GOAT ANTI-MOUSE IGM ( $\mu$  CHAIN) 2ML  
55489 AFF.PUR. F(AB')<sub>2</sub> GOAT ANTI-MOUSE IGM ( $\mu$  CHAIN) 2MG  
50335 PURIFIED MOUSE MYELOMA IGM(k1) MOPC 104E 1MG  
50336 PURIFIED MOUSE MYELOMA IGM(j) TEPC 183 1MG

**For fluorochrome, enzyme and biotin conjugates, please see our catalog.**

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

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