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# cappel

**GOAT AFFINITY PURIFIED ANTIBODY TO  
MOUSE IGG FC - 2MG**

**Catalog #: 55482**

**Lot #: 02314**

Total Protein: 1.8 mg/ml  
Active Antibody: 1.0 mg/ml

## **DESCRIPTION:**

Product is goat affinity purified antibody to mouse IgG Fc 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, 0.05% sodium azide added, 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 by equivalence-point precipitation. 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 Fc and IgG; cross-reactivity to other species may exist. Antibody activity to F(ab')<sub>2</sub>, IgA, IgM or non-immunoglobulin serum proteins is not present.

## **STORAGE:**

Store unopened product at 2-8°C. 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

55439 GOAT ANTI-MOUSE IGG FC 2ML  
55459 IGG GOAT ANTI-MOUSE IGG FC 5ML  
55472 F(AB')<sub>2</sub> GOAT ANTI-MOUSE IGG FC 2ML

**For fluorochrome and enzyme conjugates, and mouse IgG subclasses, please see our catalog.**

  
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  
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