



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: www.mpbio.com

cappel

PEROXIDASE-CONJUGATED GOAT IGG FRACTION TO MOUSE IGM (μ CHAIN) - 2ML

Catalog #: 55555

Lot #: 01219

Total Protein: 15.6 mg/ml

Titer: 1:123,000

DESCRIPTION:

Product is the lyophilized powder of horseradish peroxidase (HRP)-conjugated goat IgG fraction to mouse IgM (μ chain) and buffer salts.

Antibody and highly purified HRP ($R_z > 3.0$) are conjugated under defined conditions to obtain optimally labeled product. Conjugated protein is purified by salt fractionation. The product is dialyzed into 0.02M sodium phosphate, 0.14M sodium chloride, pH 7.3, with 0.01% thimerosal, adjusted to standard titer, filtered through a 0.22 μ m filter, vialled and lyophilized.

USES:

This product is suitable for use as a reagent in enzyme immunoassays (EIA), cell and tissue staining (for light microscopy), cell and tissue labeling (for electron microscopy), and blot immunostaining. (Note: F(ab')₂ fragments are recommended for staining of cells or tissues which contain Fc receptors. Affinity purified antibodies or their fragments are recommended to avoid non-specific binding from inherent antibodies of host animals. See **Related Product Ordering Information** for these products.)

SPECIFICATIONS:

The total protein is measured using the Biuret procedure with bovine albumin as the standard. To ensure that the product titer falls within the required range, antibody titer is standardized by microtiter plate ELISA with mouse IgM. The product is tested for purity and specificity at final concentration by immunoelectrophoresis. The antibody is predominantly 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.

RECONSTITUTION:

Reconstitute product with 2.0 ml of deionized or distilled water. Gentle swirling may be used to speed rehydration. Do not add sodium azide. Avoid vigorous shaking of the reconstituted material.

STORAGE:

Store lyophilized product at 2-8°C. For long-term storage, aliquot and freeze reconstituted product at -20°C or lower.

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

55484 AFF.PUR. GOAT ANTI-MOUSE IGM (μ CHAIN) 2MG
55489 AFF.PUR. F(AB')₂ GOAT ANTI-MOUSE IGM (μ CHAIN) 2MG
59295 AKP AFF.PUR. GOAT ANTI-MOUSE IGM (μ CHAIN) 1ML
59353 AKP AFF.PUR.F(AB')₂ GOAT ANTI-MOUSE IGM (μ CH) 1ML
55568 HRP AFF.PUR. GOAT ANTI-MOUSE IGM (μ CHAIN) 2ML
50335 PURIFIED MOUSE MYELOMA IGM(k1) MOPC 104E 1MG
50336 PURIFIED MOUSE MYELOMA IGM(j) TEPC 183 1MG
36315 DAB 6x1ML
36317 OPD 6x1ML
36318 TMB 6x1ML
36319 ABTS\ 6x1ML
55984 NORMAL GOAT SERUM 2ML

For unconjugated antibodies, and fluorochrome and biotin conjugates, please see our catalog.

ABTS is a registered trademark of Boehringer Mannheim GmbH.


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.**