



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

**GOAT F(AB')₂ FRAGMENT TO
MOUSE COMPLEMENT C3 - 2ML**
Catalog #: 55474
Lot #: 07990

Total Protein: 18.6 mg/ml
Antibody Protein: 4 mg/ml

DESCRIPTION:

Product is the lyophilized powder of goat F(ab')₂ fragment to mouse complement C3 and buffer salts.

The F(ab')₂ fragment is prepared from the specific goat IgG fraction by limited digestion with pepsin, and purified by gel filtration or affinity chromatography. The resulting F(ab')₂ fragment is dialyzed into 0.02M sodium phosphate, 0.14M sodium chloride, 0.05% sodium azide, pH 7.3, adjusted to standard titer, filtered through a 0.22 µm filter, vialled and lyophilized.

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 immunoadsorbant.

This product is suitable for use as a primary reagent in enzyme immunoassays, fluorescein immunoassays and blot, cell or tissue immunostaining. F(ab')₂ fragments are recommended for staining of cells or tissues which contain Fc receptors.

See **Related Product Ordering Information**.

SPECIFICATIONS:

The total protein is measured using the Biuret procedure, with bovine albumin as a standard. Antibody titer of the IgG fraction is standardized by equivalence-point precipitation. F(ab')₂ fragments are tested for purity and specificity at a minimum of 20 mg/ml using immunoelectrophoresis. The product is goat F(ab')₂; no trace of albumin, whole molecule IgG or Fc is detected. It shows reactivity to mouse C3; cross-reactivity to other species may exist. Antibody activity to other serum proteins is not present.

EXPIRATION DATE:

3/31/2025

RECONSTITUTION:

Reconstitute product with 2.0 ml of deionized or distilled water. Gentle swirling may be used to speed rehydration. 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:

<u>Catalog #</u>	<u>Description</u>	<u>Size</u>
55444 (01110601)	GOAT ANTI-MOUSE COMPLEMENT C3	2ML
55463 (02110601)	IGG GOAT ANTI-MOUSE COMPLEMENT C3	5ML
55500 (12110601)	FITC GOAT ANTI-MOUSE COMPLEMENT C3	2ML
55510 (13110601)	FITC F(AB') ₂ GOAT ANTI-MOUSE COMPLEMENT C3	2ML
55557 (32110601)	HRP GOAT ANTI-MOUSE COMPLEMENT C3	2ML
55860 (00110620)	POOLED MOUSE COMPLEMENT	1ML



Approved by: *John Huang, PhD*
Quality Control Manager

**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.**