



**MP Biomedicals, LLC.**

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# cappel

**GOAT ANTISERUM TO  
RAT COMPLEMENT C3 - 2ML**

**Catalog #: 55713**

**Lot #: 04564**

Total Protein: 57.3 mg/ml

Antibody Protein: 6 mg/ml

## **DESCRIPTION:**

Product is the lyophilized powder of goat antiserum to rat complement C3 and buffer salts.

The antiserum is prepared by hyperimmunizing goats with highly purified rat complement C3; antiserum is delipidated and made specific by solid-phase absorption. The resulting antiserum is dialyzed into 0.02M sodium phosphate, 0.14M sodium chloride, pH 7.3, with 0.05% sodium azide, adjusted to standard titer, filtered through a 0.22  $\mu$ m 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.

(Note: IgG fractions are suitable for conjugation with enzymes, radiolabels, fluorochromes or other markers and for attachment to solid supports for use as an immunoabsorbant. 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.)

## **SUGGESTED WORKING DILUTIONS:**

1:50 - 1:200 for Tissue Staining

1:100 - 1:500 for Immunoblotting

1:400 - 2,000 for Elisa

**It is recommended that each lab obtain their own optimal working dilution for each assay**

## **SPECIFICATIONS:**

The total protein is measured using the Biuret procedure, with bovine albumin as a standard. Antibody titer is standardized by equivalence-point precipitation. Each antiserum is tested for specificity at a minimum of 80 mg/ml using immunoelectrophoresis. It shows reactivity to rat complement C3; cross-reactivity to other species may exist. Antibody activity to other 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. Avoid vigorous shaking of the reconstituted material.

**STORAGE:**

Store lyophilized product at 2-8°C. Store reconstituted material no longer than 4 weeks 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.

This product contains sodium azide. To prevent formation of toxic vapors, do not mix with strongly acidic solutions. To prevent formation of potentially explosive metallic azides in metal plumbing, always wash into drain with copious quantities of water.

**RELATED PRODUCT ORDERING INFORMATION:**

Catalog # Description Size

55730	IGG GOAT ANTI-RAT COMPLEMENT C3	5ML
55738	F(AB') <sub>2</sub> GOAT ANTI-RAT COMPLEMENT C3	2ML
55751	FITC GOAT ANTI-RAT COMPLEMENT C3	2ML
55758	FITC F(AB') <sub>2</sub> GOAT ANTI-RAT COMPLEMENT C3	2ML
55777	HRP GOAT ANTI-RAT COMPLEMENT C3	2ML
55870	POOLED RAT COMPLEMENT	1ML

  
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.**