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cappel

**GOAT IGG FRACTION TO
HUMAN COMPLEMENT C3 - 2ML**

Catalog #: 55033

Lot #: 07502

Total Protein: 29.8 mg/ml
Antibody Protein: 7 mg/ml

DESCRIPTION:

Product is the lyophilized powder of goat IgG fraction to human complement C3 and buffer salts.

The IgG fraction is prepared from the specific goat antiserum by delipidation, ammonium sulfate fractionation and anion exchange chromatography. The resulting IgG fraction is dialyzed into 0.02M sodium phosphate, 0.14M sodium chloride, pH 7.3, 0.05% sodium azide, adjusted to standard titer, filtered through a 0.22 μ 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.

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. (Note: F(ab')₂ 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 using the Biuret procedure, with bovine albumin as a standard. Antibody titer is standardized to an in-house standard by equivalence-point precipitation. Each IgG fraction is tested for purity and specificity at a minimum of 40 mg/ml using immunoelectrophoresis. The product is mostly goat IgG; no trace of albumin is detected. It shows reactivity to human complement C3; cross-reactivity to other species may exist. Antibody activity to complement components C4-C9 or serum proteins is not present.

EXPIRATION DATE:

3/31/2022

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 store reconstituted product frozen 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

55062	F(AB') ₂ GOAT ANTI-HUMAN COMPLEMENT C3	2ML
55117	GOAT ANTI-HUMAN COMPLEMENT C3	2ML
55167	FITC GOAT ANTI-HUMAN COMPLEMENT C3	2ML
55191	FITC F(AB') ₂ GOAT ANTI-HUMAN COMPLEMENT C3	2ML
55237	HRP GOAT ANTI-HUMAN COMPLEMENT C3	2ML


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.**