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cappel

PEROXIDASE-CONJUGATED GOAT IGG FRACTION TO HUMAN COMPLEMENT C3 - 2ML

Catalog #: 55237

Lot #: 07618

Total Protein: 35.4 mg/ml

Titer: 1:75,000

DESCRIPTION:

Product is the lyophilized powder of horseradish peroxidase (HRP)-conjugated goat IgG fraction to human complement C3 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, adjusted to standard titer, filtered through a 0.22 μm filter, vialled and lyophilized. No preservative has been added.

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. 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 human complement C3. 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 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:

1/31/2023

DILUTION RECCOMENDATIONS:

1:500 - 1:4,000 for Tissue Staining

1:1,000 - 1:8,000 for Immuno Blotting

1:2,000 - 1:16,000 for ELISA/FIA

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

55117 GOAT ANTI-HUMAN COMPLEMENT C3 2ML
55033 IGG GOAT ANTI-HUMAN COMPLEMENT C3 5ML
55062 F(AB')₂ 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
36315 DAB 6x1ML
36317 OPD 6x1ML
36318 TMB 6x1ML
36319 ABTS\ 6x1ML
55984 NORMAL GOAT SERUM 2ML

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

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OR TO OBTAIN TECHNICAL ASSISTANCE IN THE U.S., PLEASE CALL 800-279-5490
OUTSIDE THE U.S., CONTACT YOUR LOCAL DISTRIBUTOR.**