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cappel

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

Catalog #: 55237

Lot #: 06276

Total Protein: 38.3 mg/ml

Titer: 1:65,000

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, 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. 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.

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:

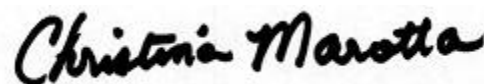
This product is intended **FOR RESEARCH USE ONLY**, not for use in diagnostic or therapeutic procedures involving humans or animals.

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

ABTS is a registered trademark of Boehringer Mannheim GmbH.



Approved by: *Christina Marotta*
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.