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TECHNICAL INFORMATION

cappel

Catalog Number: 55510

Fluorescein-Conjugated Goat F(ab')₂ Fragment To Mouse Complement C3

DESCRIPTION: Product is the lyophilized powder of fluorescein-5-isothiocyanate (FITC "Isomer I")-conjugated goat F(ab')₂ fragment to mouse complement C3 and buffer salts.

Antibody and FITC are conjugated under defined conditions to obtain the specified molar ratio (3-6 mol/mol). Conjugated protein is purified by gel filtration. 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.

USES: This product is suitable for use as a reagent in immunofluorescence assays (IFA), cell staining (fluorescent microscopy and cell sorting), tissue staining, and blot 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 the standard; F/P ratio is calculated using absorbance at 491.5nm. Antibody titer of the IgG fraction is standardized by equivalence-point precipitation. The 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. This product shows reactivity to mouse 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.

RELATED PRODUCT ORDERING INFORMATION:

Catalog #DescriptionSize

55444 (01110601)GOAT ANTI-MOUSE COMPLEMENT C3 2ML
55463 (02110601)IGG GOAT ANTI-MOUSE COMPLEMENT C35ML
55474 (03110601)F(AB')₂ GOAT ANTI-MOUSE COMPLEMENT C32ML
55500 (12110601)FITC GOAT ANTI-MOUSE COMPLEMENT C32ML
55557 (32110601)HRP GOAT ANTI-MOUSE COMPLEMENT C32ML
55860 (00110620)POOLED MOUSE COMPLEMENT 1ML
55984 (50061380)NORMAL GOAT SERUM2ML
40030BOSERAL10GM

Note: This product may contain a preservative such as sodium azide, thimerosal or proclin. Please see lot specific chemical credential for preservative information.

[If a titer/working dilution is not given above, please click here to see a general dilution chart for working with antibodies. Please note that the general dilution chart should only be used as a guideline. Each lab should determine their own optimal working dilution.](#)

[Will this antibody work with your application? Please click here to see a general chart of antibody applications. Please note that any information given above is primary application data. The general applications charts should only be used as a reference.](#)