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TECHNICAL INFORMATION

cappel

Catalog Number: 55189

Fluorescein-Conjugated Goat F(ab')₂ Fragment To Human Lambda Chain (Bound)

DESCRIPTION: Product is the lyophilized powder of fluorescein-5-isothiocyanate (FITC "Isomer I")-conjugated goat F(ab')₂ fragment to human lambda chain (bound) 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 with an in-house control by immunoelectrophoresis. 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 bound lambda light chains; cross-reactivity to other species may exist. Because the product is directed against the lambda chains in Fab, some antibodies are expected to bind light chain sites common to all immunoglobulins. Antibody activity to free lambda light chains may be present. Antibody activity to human kappa Fab, free kappa light chains or non-immunoglobulin 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

55106 (01010281)GOAT ANTI-HUMAN LAMBDA (BOUND)2ML
55026 (02010281)IGG GOAT ANTI-HUMAN LAMBDA CHAIN (BOUND)5ML
55060 (03010281)F(AB')₂ GOAT ANTI-HUMAN LAMBDA CHAIN (BOUND)2ML
55160 (12010281)FITC GOAT ANTI-HUMAN LAMBDA (BOUND)2ML
55234 (32010281)HRP GOAT ANTI-HUMAN LAMBDA CHAIN (BOUND) 2ML
55984 (50061380)NORMAL GOAT SERUM2ML
40030BOSERAL PUR10MG

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.](#)