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## TECHNICAL INFORMATION

# cappel

Catalog Number: 56032

### Fluorescein-Conjugated Rabbit IgG Fraction To $\beta$ -Galactosidase(No Cross To *E. Coli*)

**DESCRIPTION:** Product is fluorescein-5-isothiocyanate (FITC "Isomer I") - conjugated rabbit IgG fraction to  $\beta$ -galactosidase (no cross to *E. coli*) 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  $\mu$ m filter, and vialled.

**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.

See **Related Product Ordering Information**.

**SPECIFICATIONS:** The total protein is measured by using the Biuret procedure, with bovine albumin as a standard. Antibody titer is standardized by equivalence-point precipitation. The IgG fraction is tested for purity at 20 mg/ml using immunoelectrophoresis. The product is predominantly rabbit IgG; no trace of albumin is detected. It shows reactivity to  $\beta$ -galactosidase and is tested by Western or dot blot to ensure monospecificity using lysates of D-lac and strain 3.3 of *E. coli*.

### RELATED PRODUCT ORDERING INFORMATION:

<u>Catalog#</u>	<u>Description</u>	<u>Size</u>
55978	RABBIT ANTI- $\beta$ -GALACTOSIDASE AFFINITY GEL	
55976	RABBIT IGG FRACTION TO $\beta$ -GALACTOSIDASE	2ML
56028	GOAT IGG FRACTION TO $\beta$ -GALACTOSIDASE	2ML
56031	GOAT IGG FRACTION TO $\beta$ -GALACTOSIDASE	1ML
56030	FLUORESC EIN-CONJUGATED GOAT IGG FRACTION TO $\beta$ -GALACTOSIDASE	2ML
		2 ML

**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.](#)