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cappel

FITC IgG Rabbit Anti- β -Galactosidase (No Cross to *E. Coli*)
2ML
Catalog #: 56032
Lot #: U1123143594

Total Protein: 7.6 mg/ml
F/P Ratio: 3.9 mol/mol
Antibody Protein: 3 mg/ml

DESCRIPTION:

Product is fluorescein-5-isothiocyanate (FITC "Isomer I") - conjugated rabbit IgG fraction to β -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, with 0.05% sodium azide and 10% glycerol (v/v), adjusted to standard titer, filtered through a 0.22 μ 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 β -galactosidase and is tested by Western or dot blot to ensure monospecificity using lysates of D-lac and strain 3.3 of *E. coli*.

EXPIRATION DATE:

06/30/2028

STORAGE:

Store unopened product at 2-8°C. Store opened material no longer than 4 weeks at 2-8°C. For long term storage, aliquot and store with 40% glycerol (v/v) at -20°C.

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:

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

For fluorochrome, enzyme and biotin-conjugated secondary antibodies, please see our catalog.



Approved by: *Fengqi An*
Quality Control Manager

**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.**