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cappel

**FLUORESCEIN-CONJUGATED RABBIT IGG FRACTION
TO β -GALACTOSIDASE(NO CROSS TO *E. COLI*) - 2ML**

Catalog #: 56032

Lot #: 08001

Total Protein: 7.4 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:

3/31/2022

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:

Catalog#	Description	Size
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	FLUORESCCEIN-CONJUGATED GOAT IGG FRACTION TO β -GALACTOSIDASE	2 ML

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



Approved by: *John Huang, PhD*
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.