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cappel

FLUORESCHEIN-CONJUGATED GOAT IGG FRACTION TO RAT IGG (NO CROSS TO MOUSE) - 2ML

Catalog #: 55755

Lot #: 05891

Total Protein: 10.2 mg/ml

F/P Ratio: 5.2 mol/mol

Antibody Protein: 3 mg/ml

DESCRIPTION:

Product is the lyophilized powder of fluorescein-5-isothiocyanate (FITC "Isomer I")-conjugated goat IgG fraction to rat IgG (no cross to mouse) 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, adjusted to standard titer, filtered through a 0.22 μ m 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. (Note: Affinity purified antibodies are recommended to avoid non-specific binding from the inherent antibodies of host animals. See **Related Product Ordering Information** for these products.)

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 IgG fraction is tested for purity and specificity at 40 mg/ml using immunoelectrophoresis. The product is mostly goat IgG; no trace of albumin is detected. This product shows reactivity to rat IgG. Because the product is directed against whole IgG, some antibodies are expected to bind light chain sites common to all immunoglobulins. Antibody activity to mouse IgG or rat 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.

STORAGE:

Store lyophilized product at 2-8°C. Store reconstituted material no longer than 4 weeks at 2-8°C. For long-term storage, aliquot and freeze reconstituted product at -20°C or lower.

WARNING AND CAUTION:

This product is intended **FOR RESEARCH USE ONLY**, not for use in diagnostic or therapeutic procedures involving humans or animals.

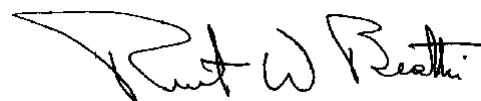
This product contains sodium azide. To prevent formation of toxic vapors, do not mix with strongly acidic solutions. To prevent formation of potentially explosive metallic azides in metal plumbing, always wash into drain with copious quantities of water.

RELATED PRODUCT ORDERING INFORMATION:

Catalog # Description Size

55721	GOAT ANTI-RAT IGG (NO X MOUSE)	2ML
55735	IGG GOAT ANTI-RAT IGG (NO X MOUSE)	5ML
55741	AFFINITY PURIFIED GOAT ANTI-RAT IGG (NO X MOUSE)	2MG
55778	HRP GOAT ANTI-RAT IGG (NO X MOUSE)	2ML
56408	FITC AFF.PUR. GOAT ANTI-RAT IGG (NO X MOUSE)	2MG
59301	AKP AFF.PUR. GOAT ANTI-RAT IGG (NO X MOUSE)	1ML
55951	PURIFIED RAT IGG	20MG
55984	NORMAL GOAT SERUM	2ML

For peroxidase substrates, please see our catalog.



Approved by: *Robert Beattie*
Quality Control Director

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.