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## TECHNICAL INFORMATION

# cappel

Catalog Number: 56407

### Fluorescein-Conjugated Goat Affinity Purified Antibody To Rat IgG (No Cross To Human)

**DESCRIPTION:** Product is fluorescein-5-isothiocyanate (FITC "Isomer I")-conjugated goat affinity purified antibody to rat IgG (no cross to human) 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, and 10% glycerol (v/v), adjusted to standard titer, filtered through a 0.22 µm 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. Use of these affinity purified antibodies is recommended to avoid non-specific binding from the inherent antibodies of host animals.

See **Related Product Ordering Information**.

**SPECIFICATIONS:** The total protein is measured by absorbance (A<sub>280nm</sub>); F/P ratio is calculated using absorbance at 491.5nm. Antibody titer of the affinity purified antibody is standardized by equivalence-point precipitation. The affinity purified antibody is tested for purity at 10 mg/ml using immunoelectrophoresis. The product is 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 human IgG or rat non-immunoglobulin serum proteins is not present.

### RELATED PRODUCT ORDERING INFORMATION:

Catalog #DescriptionSize

56400 (01132311)GOAT ANTI-RAT IGG (NO X HUMAN)2ML  
56402 (02132311)IGG GOAT ANTI-RAT IGG (NO X HUMAN) 5ML  
56403 (12132311)FITC GOAT ANTI-RAT IGG (NO X HUMAN)2ML  
56404 (32132311)HRP GOAT ANTI-RAT IGG (NO X HUMAN) 2ML  
55742 (06132311)AFFINITY PURIFIED GOAT ANTI-RAT IGG (NO X HUMAN)2MG  
55782 (36132311)HRP AFF.PUR. GOAT ANTI-RAT IGG (NO X HUMAN) 2ML  
59302 (86132311)AKP AFF.PUR. GOAT ANTI-RAT IGG (NO X HUMAN) 1ML  
55951 (60130080)PURIFIED RAT IGG 20MG  
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.](#)