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TECHNICAL INFORMATION

cappel

Catalog Number: 55514

Fluorescein-Conjugated Goat Affinity Purified Antibody To Mouse IgG (Whole Molecule)

DESCRIPTION: Product is fluorescein-5-isothiocyanate (FITC "Isomer I")-conjugated goat affinity purified antibody to mouse IgG (whole molecule) 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. (Note: F(ab')₂ fragments are recommended for staining of cells or tissues which contain Fc receptors. See **Related Product Ordering Information** for these products.)

SPECIFICATIONS: The total protein is measured by absorbance (A_{280nm}); 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 mouse IgG; cross-reactivity to other species may exist. Because the product is directed against whole IgG, some antibodies are expected to bind light chain sites common to all immunoglobulins. Antibody activity to non-immunoglobulin serum proteins is not present.

RELATED PRODUCT ORDERING INFORMATION:

Catalog #DescriptionSize

55435GOAT ANTI-MOUSE IGG (WHOLE MOLECULE) 2ML
55455IGG GOAT ANTI-MOUSE IGG (WHOLE MOLECULE)5ML
55468F(AB')₂ GOAT ANTI-MOUSE IGG (WHOLE MOLECULE)2ML
55477FAB GOAT ANTI-MOUSE IGG (WHOLE MOLECULE)5ML
55479AFF.PUR. GOAT ANTI-MOUSE IGG (WHOLE MOLECULE) 2MG
55487AFF.PUR. F(AB')₂ GOAT ANTI-MOUSE IGG (WM)2MG
55581AFF.PUR. GOAT ANTI-MOUSE IGG (WM) AFF. GEL2ML
55939PURIFIED MOUSE IGG20MG
55960MOUSE IGG AFFINITY GEL2ML
55984NORMAL GOAT SERUM2ML

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.](#)