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TECHNICAL INFORMATION

cappel

Catalog Number: 55521

Fluorescein-Conjugated Goat Affinity Purified Antibody To Mouse Immunoglobulins (IgG, IgA, IgM)

DESCRIPTION: Product is fluorescein-5-isothiocyanate (FITC "Isomer I")-conjugated goat affinity purified antibody to mouse immunoglobulins (IgG,IgA,IgM) 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 with an in-house control by immunoelectrophoresis. 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 immunoglobulins (IgG,IgA,IgM); cross-reactivity to other species may exist. Antibody activity to non-immunoglobulins serum proteins is not present.

RELATED PRODUCT ORDERING INFORMATION:

Catalog #DescriptionSize

55441GOAT ANTI-MOUSE IMMUNOGLOBULINS (G,A,M)2ML
55461IGG GOAT ANTI-MOUSE IMMUNOGLOBULINS (G,A,M) 5ML
55486AFF.PUR. GOAT ANTI-MOUSE IMMUNOGLOBULINS (G,A,M)2MG
55491AFF.PUR. F(AB')₂ GOAT ANTI-MOUSE IMMUNO. (G,A,M)2MG
55861PURIFIED MOUSE GAMMA GLOBULIN25MG
55939PURIFIED MOUSE IGG20MG
50325PURIFIED MOUSE MYELOMA IGA(k2) MOPC 3151MG
50326PURIFIED MOUSE MYELOMA IGA(j) TEPC 151MG
50335PURIFIED MOUSE MYELOMA IGM(k1) MOPC 104E1MG
50336PURIFIED MOUSE MYELOMA IGM(j) TEPC 183 1MG
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.](#)