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TECHNICAL INFORMATION

Catalog Number: 56988

Fluorescein-Conjugated Goat Affinity Purified F(ab')₂ Fragment To Human IgG Fc

DESCRIPTION: Product is fluorescein-5-isothiocyanate (FITC "Isomer I")-conjugated goat affinity purified F(ab')₂ fragments to human IgG Fc 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 affinity purified antibodies is recommended to avoid non-specific binding from the inherent antibodies of host animals; these F(ab')₂ fragments are recommended for staining of cells or tissues which contain Fc receptors.

See **Related Product Ordering Information**.

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 F(ab')₂; no trace of albumin, whole molecule IgG or Fc is detected. This product shows reactivity to human Fc and IgG; cross-reactivity to other species may exist. Antibody activity to Fab, IgA, IgM, or non-immunoglobulin serum proteins is not present.

RELATED PRODUCT ORDERING INFORMATION:

Catalog #DescriptionSize

55095 GOAT ANTI-HUMAN IGG FC 2ML
55014 IGG GOAT ANTI-HUMAN FC 5ML
55053 F(AB')₂ GOAT ANTI-HUMAN IGG FC2ML
55071 AFF.PUR. GOAT ANTI-HUMAN IGG FC2MG
55198 FITC AFF.PUR. GOAT ANTI-HUMAN IGG FC2MG
55911 PURIFIED HUMAN IGG FC 10MG
55984 NORMAL 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.](#)