

F(ab')₂ fragment of Affinity Purified anti- Human IgG F(ab')₂ - FITC

Alternate names:	Human Immunoglobulin G
Catalog No.:	R1398F
Quantity:	1 mg
Concentration:	1.0 mg/ml (by UV absorbance at 280 nm)
Host:	Goat
Immunogen:	Human IgG F(ab') ₂ fragment
Format:	State: Lyophilized Purification: Immunoaffinity chromatography Buffer System: 0.01 M Sodium Phosphate, 0.14 M Sodium Chloride, pH 7.4, IgG and Protease free, containing 0.01% (w/v) Sodium Azide as preservative and 10 mg/ml BSA as stabilizer Label: FITC – Fluorescein isothiocyanate (Molecular Weight 390 daltons) <i>Absorption / Emission:</i> 495 nm / 528 nm <i>Molar Ratio:</i> 3.1 moles FITC per mole of Goat IgG F(ab') ₂ Reconstitution: Restore with 1.0 ml of deionized water or equivalent.
Applications:	Suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring extremely low background levels, absence of F(c) mediated binding, lot-to-lot consistency, high titer and specificity. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Human IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities, pepsin digestion and chromatographic separation. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Fluorescein, anti-Goat Serum, Human IgG, Human IgG F(ab) ₂ and Human Serum. No reaction was observed against anti-Pepsin, anti-Goat IgG F(c), Human IgG F(c) or Bovine, Horse, Mouse or Rat Serum Proteins.

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com

Storage:

Store vial at 4° C prior to restoration. Restore with deionized water (or equivalent); centrifuge product if not completely clear after standing at room temperature. This product is stable for four weeks at 4° C as an undiluted liquid.

For extended storage reconstitute product with 50% glycerol instead of water and then aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Dilute only prior to immediate use.

Shelf life: one year from despatch.

General References: The and Feltkamp, Immunology 18; 865, 1970 (Conjugation)

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