

## F(ab')<sub>2</sub> Fragment of Goat anti-Human IgG F(c) -FITC -

<b>Alternate names:</b>	Human Immunoglobulin G
<b>Catalog No.:</b>	R1397F
<b>Quantity:</b>	1 mg
<b>Concentration:</b>	1.0 mg/ml (by UV absorbance at 280 nm)
<b>Host:</b>	Goat
<b>Immunogen:</b>	Human IgG F(c) fragment
<b>Format:</b>	<b>State:</b> Lyophilized F(ab') <sub>2</sub> fragments <b>Purification:</b> Immunoaffinity Chromatography. <b>Buffer System:</b> 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 with 10 mg/ml BSA (IgG and Protease free) as stabilizer and 0.01% (w/v) Sodium Azide as preservative. <b>Label:</b> FITC – Fluorescein isothiocyanate (Molecular Weight 390 daltons). <b>Conjugation Chemistry:</b> Isothiocyanate. Label MW: 390 <i>Absorption / Emission:</i> 495 nm / 528 nm <i>Molar Ratio:</i> 3.0 moles FITC per mole of Goat IgG F(ab') <sub>2</sub> <b>Reconstitution:</b> Restore with 1.0 ml of deionized water (or equivalent).
<b>Applications:</b>	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. <b>Recommended Dilutions:</b> FLISA: 1/10,000-1/50,000. Flow Cytometry: 1/500-1/2,500. IF Microscopy: 1/1,000-1/5,000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	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(c) and Human Serum. No reaction was observed against anti-Pepsin, anti-Goat IgG F(c), Human IgG F(ab') <sub>2</sub> or Bovine, Horse, Mouse and Rat Serum Proteins.
<b>Species Reactivity:</b>	<b>Tested:</b> Human.

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

Material Safety Datasheets are available at [www.acris-antibodies.com](http://www.acris-antibodies.com) or on request.

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

**Storage:**

Store vial at 2-8°C prior to restoration. For extended storage add glycerol to 50% and then aliquot contents and freeze at -20°C or below. Centrifuge product if not completely clear after standing at room temperature.

This antibody is stable for one month at 4°C as an undiluted liquid.

Dilute only prior to immediate use.

Avoid repeated freezing and thawing.

Shelf life: One year from despatch.

**General References:** 1. Modified from The and Feltkamp, Immunology 18; 865, 1970. (Conjugation)

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