

## Polyclonal Antibody to Human IgG F(ab')<sub>2</sub> -FITC

<b>Alternate names:</b>	Human Immunoglobulin G
<b>Catalog No.:</b>	R1339F
<b>Quantity:</b>	1 mg
<b>Concentration:</b>	1.0 mg/ml (by UV absorbance at 280 nm)
<b>Host:</b>	Rabbit
<b>Immunogen:</b>	Human IgG F(ab') <sub>2</sub> fragment
<b>Format:</b>	<b>State:</b> Lyophilized purified IgG fraction <b>Purification:</b> Immunoaffinity chromatography using Human IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities <b>Buffer System:</b> 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, containing 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) <i>Absorption / Emission:</i> 495 nm / 528 nm <i>Molar Ratio:</i> 2.5 moles FITC per mole of Rabbit IgG <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 lot-to-lot consistency. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Fluorescein, anti-Rabbit Serum, Human IgG, Human IgG F(ab') <sub>2</sub> and Human Serum. No reaction was observed against Human IgG F(c) or Mouse Serum Proteins.
<b>Storage:</b>	Store vial at 2-8°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 one month at 2-8°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 repeated freezing and thawing. Dilute only prior to immediate use. Shelf life: one year from despatch.
<b>General References:</b>	The and Feltkamp, Immunology 18; 865, 1970. (Conjugation)

**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.

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