

## Fab Fragment of Polyclonal Antibody to Mouse IgG [H&L] - FITC

<b>Alternate names:</b>	Mouse Immunoglobulin G
<b>Catalog No.:</b>	R1389F
<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>	Mouse IgG whole molecule
<b>Format:</b>	<b>State:</b> Lyophilized Fab fragment <b>Purification:</b> Immunoaffinity chromatography <b>Buffer System:</b> 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, containing 10 mg/ml Bovine Serum Albumin (BSA) IgG and Protease free, and 0.01% (w/v) Sodium Azide <b>Label:</b> FITC – Fluorescein isothiocyanate (Molecular Weight 390 daltons) <i>Absorption / Emission:</i> 495 nm / 528 nm <i>Molar Ratio:</i> 1.6 moles FITC per mole of Goat IgG Fab <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. Recommended dilutions: Flow cytometry 1:2,000 - 1:10,000 Immunofluorescence microscopy 1:500 - 1:2,500. 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 Mouse 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 and anti-Goat Serum. No reaction was observed against anti-Pepsin or anti-Goat IgG F(c).

**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 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 several weeks at 4°C as an undiluted liquid.

For extended storage add glycerol to 50% 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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