

## Fab Fragment of Affinity Purified Goat anti-Human IgG [H&L] - FITC

<b>Alternate names:</b>	Human Immunoglobulin G
<b>Catalog No.:</b>	R1388F
<b>Quantity:</b>	1 mg
<b>Concentration:</b>	1.0 mg/ml (UV absorbance at 280 nm)
<b>Host:</b>	Goat
<b>Immunogen:</b>	Human IgG whole molecule
<b>Format:</b>	<b>State:</b> Lyophilized Fab fragment <b>Purification:</b> Immunoaffinity chromatography using Human IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities, papain digestion and chromatographic separation <b>Buffer System:</b> 0.02M Potassium Phosphate, 0.15M Sodium Chloride, pH 7.2, containing 10 mg/ml 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> 4.1 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. <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>	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Fluorescein and anti-Goat Serum. No reaction was observed against anti-Papain 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 2-8°C prior to restoration.

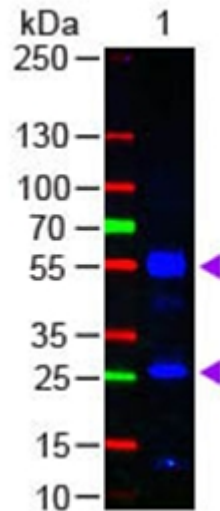
Restore with deionized water (or equivalent); centrifuge product if not completely clear after standing at room temperature. This product is stable for one month at 2-8°C as an undiluted liquid.

For extended storage 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.

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

**Pictures:**

Western Blot of Goat anti-Fab Human IgG (H&L) Antibody  
Fluorescein Conjugated:

Lane 1: Human IgG

Load: 50 ng per lane

Secondary antibody: Fab Human IgG (H&L) Antibody

Fluorescein Conjugated at 1/1,000 for 60 min at RT Block:

MB-070 for 30 min at RT

Predicted/Observed size: 55 and 28 kDa, 55 and 28 kDa

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