

## Polyclonal Antibody to Mouse IgG (H&L) - FITC

<b>Alternate names:</b>	Mouse Immunoglobulin G
<b>Catalog No.:</b>	R1253F
<b>Quantity:</b>	2 mg
<b>Concentration:</b>	2.0 mg/ml (by UV absorbance at 280 nm)
<b>Host:</b>	Rabbit
<b>Immunogen:</b>	Mouse IgG whole molecule.
<b>Format:</b>	<p><b>State:</b> Lyophilized purified IgG fraction.</p> <p><b>Purification:</b> Immunoaffinity Chromatography using Mouse IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities.</p> <p><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.</p> <p><b>Label:</b> FITC – Fluorescein isothiocyanate (Molecular Weight 390 daltons).</p> <p><b>Conjugation Chemistry:</b> Isothiocyanate</p> <p><i>Absorption / Emission:</i> 495 nm / 528 nm</p> <p><i>Molar Ratio:</i> 3.1 moles FITC per mole of Rabbit IgG</p> <p><b>Reconstitution:</b> Restore with 1.0 ml of deionized water (or equivalent).</p>
<b>Applications:</b>	<p>Suitable for Immunofluorescence Microscopy and Flow Cytometry or FACS analysis as well as other antibody based fluorescent assays requiring lot-to-lot consistency.</p> <p><b>Recommended Dilutions:</b> Flow Cytometry: 1/2,000-1/10,000. IF Microscopy: 1/500-1/2,500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.</p>
<b>Specificity:</b>	<p>Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Fluorescein, anti-Rabbit Serum, Mouse IgG and Mouse Serum.</p> <p><b>Species:</b> Mouse. Other species not tested.</p>
<b>Storage:</b>	<p>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 several weeks at 2-8° C as an undiluted liquid. Dilute only prior to immediate use.</p> <p>For extended storage reconstitute product with 50% glycerol instead of water and then aliquot contents and freeze at -20°C or below.</p> <p>Avoid cycles of freezing and thawing.</p> <p>Shelf life: One year from despatch.</p>

**General References:** 1. 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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