

## Polyclonal Antibody to Mouse IgG1 (gamma1 chain specific) - FITC

<b>Alternate names:</b>	Mouse Immunoglobulin G1
<b>Catalog No.:</b>	R1359F
<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>	Mouse IgG1 $\gamma$ 1 chain
<b>Format:</b>	<b>State:</b> Lyophilized <b>Purification:</b> This product was prepared from monospecific antiserum by immunoaffinity chromatography using antigens 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 Bovine Serum Albumin (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> 2.9 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. Recommended dilutions: 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.
<b>Specificity:</b>	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Fluorescein, anti-Rabbit Serum, Mouse IgG and Mouse Serum. Specificity was confirmed by ELISA at less than 1% cross reactivity against other mouse or human heavy or light chain isotypes.
<b>Storage:</b>	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 four weeks at 4°C as an undiluted liquid. For extended storage aliquot contents after restoration 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.
<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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