

## Polyclonal Antibody to Mouse IgG1 (Gamma 1 chain specific) -TRITC-

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| <b>Alternate names:</b>    | Mouse Immunoglobulin G1   |
| <b>Catalog No.:</b>        | R1359T  |
| <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 purified Ig fraction.<br><b>Purification:</b> Immunoaffinity chromatography.<br><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.<br><b>Label:</b> TRITC – Tetramethylrhodamine isothiocyanate (Molecular Weight 444 daltons)<br><i>Absorption / Emission:</i> 550 nm / 570 nm<br><i>Molar Ratio:</i> 3.0 moles TRITC per mole of Rabbit IgG.<br><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>        | 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. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum and Mouse IgG and Mouse Serum. Specificity was confirmed by ELISA at less than 1% cross reactivity against other mouse heavy or light chain isotypes.  |
| <b>Storage:</b>            | Store vial at 2-8°C prior to restoration. For extended storage add glycerol to 50% and then aliquot contents and freeze at -20°C or below. Centrifuge product if not completely clear after standing at room temperature. This antibody is stable for one month at 2-8°C as an undiluted liquid. Dilute only prior to immediate use. Avoid repeated freezing and thawing. Shelf life: One year from despatch.   |
| <b>General References:</b> | (Conjugation) J.A. Titus, et al. J. Immunol. Methods 50; 193, 1982  |

**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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