

## Polyclonal Antibody to Mouse IgG [H&L] -TRITC-

<b>Alternate names:</b>	Mouse Immunoglobulin G
<b>Catalog No.:</b>	R1256T
<b>Quantity:</b>	2 mg
<b>Concentration:</b>	2.0 mg/ml (by UV absorbance at 280 nm)
<b>Host:</b>	Sheep
<b>Immunogen:</b>	Mouse IgG whole molecule.
<b>Format:</b>	<b>State:</b> Lyophilized purified Ig fraction. <b>Purification:</b> Immunoaffinity chromatography. <b>Buffer System:</b> 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 with 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> TRITC – Tetramethylrhodamine isothiocyanate (Molecular Weight 444 daltons) <i>Absorption / Emission:</i> 550 nm / 570 nm <i>Molar Ratio:</i> 2.8 moles TRITC per mole of Sheep 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. 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. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Sheep Serum, Mouse IgG and Mouse Serum.
<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>Product Citation:</b>	Purified antibody is cited in: JOSÉ JOÃO CARVALHO, MARIA ASTRID WALTER, YVONNE BAERMANN-STAPEL, MICHAEL G. WELLER, ULRICH PANNE, JÖRG A. SCHENK, and RUDOLF J. SCHNEIDER: Non-invasive Monitoring of Immunization Progress in Mice via IgG from Feces; <i>In Vivo</i> , Jan 2012; 26: 63 - 69.

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**General References:** J.A. Titus, et al. J. Immunol. Methods 50; 193, 1982. (Conjugation)

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