

R1349T**Polyclonal Antibody to Mouse IgG, IgA, IgM [H&L] -TRITC-****Alternate names:**

Mouse Immunoglobulin A

Quantity:

2 mg

Concentration:

2.0 mg/ml (by UV absorbance at 280 nm)

Host:

Goat

Immunogen:

Mouse IgG, IgA and IgM whole molecules.

Format:**State:** Lyophilized purified Ig fraction.**Purification:** Immunoaffinity chromatography.**Buffer System:** 0.02M Potassium Phosphate, 0.15M 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.**Label:** TRITC – Tetramethylrhodamine isothiocyanate ; Molecular Weight 444 daltons)*Absorption / Emission:* 550 nm / 570 nm*Molar Ratio:* 2.9 moles TRITC per mole of Goat IgG.**Reconstitution:** Restore with 1.0 ml of deionized water (or equivalent).**Applications:**

Suitable for Immunomicroscopy and Flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring lot-to-lot consistency.

This product is designed for immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms.

Recommended Dilutions:

FLISA: 1/10,000-1/50,000.

Immunofluorescence: 1/1,000-1/5,000.

Flow Cytometry: 1/500-1/2,500.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

This product was prepared from polyspecific antiserum by immunoaffinity chromatography using antigens coupled to agarose beads.

Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Fluorescein, anti-Goat Serum, Mouse IgG, Mouse IgA and Mouse IgM.

This reagent is suitable for the detection of all mouse isotypes and chain combinations.

Storage:

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.

General Readings:

1. J.A. Titus, et al. J. Immunol. Methods 50; 193, 1982. (Conjugation)