

**R1349F****Polyclonal Antibody to Mouse IgG, IgA, IgM [H&L] -FITC**

<b>Alternate names:</b>	Mouse Immunoglobulin A
<b>Quantity:</b>	2 mg
<b>Concentration:</b>	2.0 mg/ml (by UV absorbance at 280nm)
<b>Host:</b>	Goat
<b>Immunogen:</b>	Mouse IgG, IgA and IgM whole molecule.
<b>Format:</b>	<b>State:</b> Lyophilized purified Ig fraction. <b>Purification:</b> Immunoaffinity Chromatography. <b>Buffer System:</b> 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. <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 Goat IgG. <b>Reconstitution:</b> Restore with 1.0 ml of deionized water (or equivalent).
<b>Applications:</b>	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. <b>Recommended dilutions:</b> FLISA: 1/10,000-1/50,000 Flow Cytometry: 1/500-1/2,500. IF Microscopy: 1/1,000-1/5,000. 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 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.
<b>Storage:</b>	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 one month at 2-8°C as an undiluted liquid. For extended storage aliquot contents and freeze at -20°C or below. Avoid repeated freezing and thawing. Dilute only prior to immediate use. Shelf life: One year from despatch.
<b>General Readings:</b>	1. The and Feltkamp, Immunology 18; 865, 1970. (Conjugation)