

R1370F**Polyclonal Antibody to Rat IgG [H&L] -FITC-**

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| Alternate names: | Rat Immunoglobulin G |
| Quantity: | 1 mg |
| Concentration: | 1.0 mg/ml (by UV absorbance at 280 nm) |
| Host: | Chicken |
| Immunogen: | Rat IgG, whole molecule. |
| Format: | State: Lyophilized purified Ig fraction. Purification: Immunoaffinity chromatography. Buffer System: 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 and 0.01% (w/v) Sodium Azide as preservative. Label: FITC – Fluorescein isothiocyanate (Molecular Weight 390 daltons) <i>Absorption / Emission:</i> 495 nm / 528 nm <i>Molar Ratio:</i> 1.7 moles FITC per mole of Chicken 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. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user. |
| Specificity: | This product was prepared from monospecific antiserum by immunoaffinity chromatography using Rat IgG coupled to agarose. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Fluorescein, anti-Chicken Serum, Rat IgG and Rat Serum. |
| 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. The and Feltkamp, Immunology 18; 865, 1970. |