

R1456F**Polyclonal Antibody to Sheep IgG (H+L chain) - FITC**

Alternate names:	Sheep Immunoglobulin G
Quantity:	2 mg
Concentration:	2.2 mg/ml (by UV absorbance at 280 nm)
Host:	Rabbit
Immunogen:	Sheep IgG whole molecule.
Format:	State: Lyophilized purified IgG fraction Purification: Immunoaffinity Chromatography Buffer System: 0.02M Potassium Phosphate, 0.15M Sodium Chloride, pH 7.2 Preservatives: 0.01% (w/v) Sodium Azide Stabilizers: 10 mg/ml BSA (IgG and Protease free) Label: FITC – Fluorescein isothiocyanate (Molecular Weight 390 daltons) <i>Absorption / Emission:</i> 495 nm / 528 nm <i>Molar Ratio:</i> 3.3 moles FITC per mole of Rabbit 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. <u>Recommended Dilutions:</u> FLISA: 1/10,000-1/50,000. IF Microscopy: 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 monospecific antiserum by Immunoaffinity Chromatography using Sheep 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-Fluorescein, anti-Rabbit Serum, Sheep IgG and Sheep Serum.
Storage:	Store vial at 2-8°C prior to restoration. For extended storage mix with 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 product 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 (Conjugation).