Product Specification Sheet

Product: Fluorescein Conjugated Affinity Purified anti-Rabbit IgG (H&L) [Sheep] Minimum Cross Reactivity to Bovine, Chicken, Goat, Guinea Pig, Horse, Human, Mouse, Rat and Sheep Serum Proteins

Code: 611-602-122

Lot #: 11526

Size: 1.0 mg

Physical State: Lyophilized

Antibody Concentration: 1.0 mg/ml (by UV absorbance at 280 nm)

Label: Fluorescein isothiocyanate (FITC) (Molecular Weight 390 daltons)

Absorption Wavelength: 495 nm  Emission Wavelength: 528 nm

Fluorochrome/Protein Ratio: 3.1 moles FITC per mole of Goat IgG

Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Stabilizer: 10 mg/ml Bovine Serum Albumin (BSA), IgG and Protease free

Preservative: 0.01% (w/v) Sodium Azide

Application(s): Suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring lot-to-lot consistency.

Recommended Dilution(s): Not specified. Optimal titers for applications should be determined by the researcher.

Storage Conditions: Store vial at 4° C prior to restoration. Restore with 1.0 ml of deionized water (or equivalent). For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. Expiration date is one (1) year from date of restoration.

Purity: This product was prepared from monospecific antiserum by immunoaffinity chromatography using Rabbit 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-Sheep Serum, Rabbit IgG and Rabbit Serum. No reaction was observed against Bovine, Chicken, Goat, Guinea Pig, Horse, Human, Mouse, Rat or Sheep Serum Proteins.

Immunogen: Rabbit IgG, whole molecule

Conjugation Reference: The and Feltkamp, Immunology 18; 865, 1970.

Note: This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information.