

## Product Specification Sheet

**Product:** Fluorescein Conjugated Affinity Purified anti-KLH (Keyhole Limpet Hemocyanin) [Rabbit]

**Code:** 600-402-466

**Lot #** 13369

**Size:** 100 µg

**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:** 3.4 moles FITC per mole of Rabbit 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 mix product with glycerol to 50% and then 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 KLH 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 and unconjugated.

**Immunogen:** KLH (Keyhole Limpet Hemocyanin)

**Conjugation Reference:** Blakeslee & Baines, *J. Immunol. Methods* **13**; 305-320, 1976.

**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.