

## Product Specification Sheet

**Product:** Fluorescein Conjugated IgG fraction of anti-Albumin (Bovine Serum) [Rabbit]

**Code:** 201-4233

**Lot #** 4633

**Size:** 20 mg

**Physical State:** Lyophilized

**Antibody Concentration:** 10.0 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:** 4.4 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 Polyethylene Glycol (PEG-8000)

**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.

**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 2.0 ml of deionized water (or equivalent). For extended storage reconstitute product with 50% glycerol instead of water 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 is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum and purified and partially purified Albumin (Bovine Serum).

**Immunogen:** Albumin (Bovine Serum)

**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.