

Streptavidin

Catalog No.:	RA021C5
Quantity:	1 mg
Concentration:	1.0 mg/ml (by UV absorbance at 280 nm)
Source:	<i>S. avidinii</i>
Format:	State: Lyophilized purified Ig fraction. Purity: Prepared from chromatographically pure Streptavidin. Buffer System: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 containing 10 mg/ml BSA (IgG and Protease free) and 0.01% (w/v) Sodium Azide as preservative. Label: Conjugated to Cy5 (Cyanine 5.29-OSu) (Molecular Weight 975 daltons). Absorption/Emission Wavelength: 650 nm/667 nm Fluorochrome/Protein Ratio: 7.1 moles Cy5 per mole of Streptavidin. 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. Recommended Dilutions: Flow Cytometry: 1/200-1/400. IF Microscopy: 1/100-1/1,000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Add. Information:	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Fluorescein and anti-Streptavidin.
Storage:	Store vial at 2-8°C prior to restoration. For extended storage reconstitute product with 50% glycerol instead of water 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 several at 2-8°C as an undiluted liquid. Dilute only prior to immediate use. Avoid cycles of freezing and thawing. Shelf life: one year from despatch.