

**Certificate of Analysis****Product:** Cy5 Conjugated Affinity Purified anti-Biotin [Goat]**Code:** 600-110-098**Lot #** 19682**Size:** 1.0 mg**Physical State:** Lyophilized**Antibody Concentration:** 1.0 mg/ml (by UV absorbance at 280 nm)**Label:** Cy5 (Molecular Weight 975 daltons)**Absorption Wavelength:** 650 nm**Emission Wavelength:** 667 nm**Fluorochrome/Protein Ratio:** 11.8 moles Cy5 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.

<b>Recommended Dilution(s):</b>	<b>FLOW CYTOMETRY</b>	1:200 - 1:400
	<b>IF MICROSCOPY</b>	1:100 - 1:1,000
	<b>OTHER APPLICATIONS</b>	User Optimized

**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 an equal volume of glycerol 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 Biotin coupled to sepharose beads followed by solid phase adsorption(s) to remove any unwanted reactivities and extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, Biotinylated IgG and Biotinylated BSA.**Immunogen:** Biotin conjugated to Keyhole Limpet Hemocyanin**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.

All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation.

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