

Certificate of Analysis**Product:** Cy5.5 Conjugated Affinity Purified anti-Biotin [Goat]**Code:** 600-113-098**Lot #** 20268**Size:** 1.0 mg**Physical State:** Lyophilized**Antibody Concentration:** 1.0 mg/ml (by UV absorbance at 280 nm)**Label:** Cy5.5 (Cyanine 5.5-OSu) (Molecular Weight 1312 daltons)**Absorption Wavelength:** 678 nm**Emission Wavelength:** 703 nm**Fluorochrome/Protein Ratio:** 4.5 moles Cy5.5 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 highly specific immunological methods requiring extremely low background levels, lot-to-lot consistency, high titer and specificity.**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 Biotin coupled to agarose beads followed by chromatographic separation. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, biotin conjugated Goat IgG and biotin conjugated BSA.**Immunogen:** Biotin conjugated to Keyhole Limpet Hemocyanin (KLH)**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.

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