

**Product Specification Sheet**

**Product:** Biotinylated anti-Mouse IgG [Goat host]

**Code:** KHB002

**Lot #** 15039

**Size:** 0.5 ml

**Physical State:** Liquid (sterile filtered)

**Antibody Concentration:** 1.0 mg/ml (by UV absorbance at 280 nm)

**Label:** Biotinamidocaproate N-Hydroxysuccinimide Ester (BAC)

**Biotin/Protein Ratio:** 10-20 BAC molecules per Goat IgG molecule

**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, 50% (v/v) Glycerol

**Preservative:** 0.01% (w/v) Sodium Azide, 0.01% (w/v) Gentamicin Sulfate

**Application(s):** Immunoblotting, ELISA, immunohistochemistry, immunomicroscopy as well as other antibody based assays using streptavidin or avidin conjugates requiring lot-to-lot consistency.

**Recommended Dilution(s):** See Kit insert for complete instructions.

**Storage Conditions:** Store vial at 4° C. Dilute only prior to immediate use. Expiration date is one (1) year from date of opening.

**Purity and Specificity:** This product was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse IgG 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-biotin, anti-Goat Serum, Mouse IgG and Mouse Serum.

**Immunogen:** Mouse IgG whole molecule

**Conjugation Reference:** Bayer & Wilchek *Methods in Enzymology* **184**; 138-160, 1990.

**USDA Certification:** 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.

**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.