

Product Specification Sheet

Product: Biotinylated anti-Mouse IgG [Goat host]

Code: KIB002

Lot # 4158

Size: 1.0 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.

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.