

Product Specification Sheet

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

Code: KIB002

Lot # 15161

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 KPhosphate, 0.15 M NaCl, pH 7.2

Stabilizer: 10 mg/ml BSA, 50% (v/v) Glycerol

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

Application(s): This is a component of ROCKLAND's *MaxTag*[™] kit for Immunoblotting.

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

Storage Conditions: Store vial at +4° C. 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.