

PRODUCT SPECIFICATIONS

Product: Biotin-SP-conjugated AffiniPure Rabbit Anti-Goat ^{††} IgG (H+L)

Code Number: 305-065-003

Lot Number: 68958

Physical State: Freeze-dried powder

Size: 1.5 ml

Antibody Concentration: 1.1 mg/ml

Suggested Dilution Range: 1:20,000 - 1:400,000 for ELISA and Western blotting using enzyme-conjugated streptavidin
1:500 - 1:5,000 for enzyme immunohistochemistry on tissue sections
1:200 - 1:1,000 for flow cytometry and fluorescence immunohisto/cytochemistry

Buffer: 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6

Stabilizer: 15 mg/ml Bovine Serum Albumin (IgG-Free, Protease-Free)

Preservative: 0.05% Sodium Azide

Reconstitution and Storage: Store freeze-dried product at 2-8°C until reconstitution. When ready to use, reconstitute with 1.5 ml d. water. Centrifuge product if the solution is not clear after reconstitution. To judge clarity, draw product into a clean pasteur pipette. Product is stable for about 6 weeks at 2-8°C as an undiluted liquid. Storing the product for more than one day at final working dilutions is not recommended. For extended storage as a liquid, add an equal volume of glycerol (ACS or better grade) for a final concentration of 50% followed by storage at -20°C. Please note that the concentration of protein and buffer salts will be one-half of the original after the addition of glycerol.

Expiration date: one year from date of reconstitution.

Purity: The antibody was isolated from antisera by immunoaffinity chromatography using antigens coupled to agarose beads.

Antibody Specificity: Based on immunoelectrophoresis, the antibody reacts with the heavy chains on goat IgG and with the light chains common to most goat immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins, but the antibody may cross-react with immunoglobulins from other species.

Country of Origin: USA

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

^{††}Warning: Bovine serum albumin (BSA) and dry milk may contain IgG which reacts with anti-bovine IgG, anti-goat IgG, anti-horse IgG, and anti-sheep IgG antibodies. Therefore, use of BSA and/or dry milk to block or dilute these antibodies and/or your primary antibody may significantly increase background and/or reduce secondary antibody titer. For pre-blocking, a 4-5% normal serum from the same host species of the labeled secondary antibody is recommended.