

## PRODUCT DATA SHEET



# Goat anti-Mouse IgG(H & L)-Biotin

**Product:** Biotin-SP-conjugated AffiniPure Goat Anti- Mouse IgG (H+L)

**Code Number:** BS50650

**Quantity:** 100ul

**Antibody Concentration:** 1 mg/ml

**Suggested Dilution Range :**

1:20000-1:400,000 for ELISA and Western blotting using enzyme-conjugated streptavidin;

1:500-1:5,000 for enzyme immunohisto/cytochemistry;

1:200-1:1,000 for flow cytometry and fluorescence immunohisto/cytochemistry

**Biotin-SP:** d-Biotinyl- $\epsilon$ -aminocaproic acid-NHS ester

**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 :** Product is stable for about 6 weeks at 2-8°C as an undiluted liquid. Prepare working dilution fresh each day. For extended storage after rehydration, add an equal volume of glycerol (ACS grade or better) for a final concentration of 50 %, and store at -20°C as a liquid. Note: after the addition of glycerol, the concentration of protein and buffer salts is one-half of the original. Alternatively, aliquot and freeze the product at -70°C or below in the absence of glycerol. Avoid repeated freezing and thawing.

**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 and/or ELISA, the antibody reacts with whole molecule mouse IgG. It also reacts with the light chains of other mouse immunoglobulins. NO antibody was detected against non-immunoglobulin serum proteins. The antibody may cross-react with immunoglobulins from other species.

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