

PRODUCT DATA SHEET

COMPLEX

Rabbit Anti-Goat IgG (H+L)-HRP

Product: Peroxidase-conjugated AffiniPure Rabbit Anti-Goat IgG (H+L)

Code Number: BCP2212

Quantity: 100ul

Antibody Concentration: 1 mg/ml

Suggested Dilution Range:

1:500 -1:5000 for immunohisto/cytochemistry

1:5,000-1:100,000 for ELISA and Western blotting with chromogenic substrates

1:10,000-1:200,000 for Western blotting with ECL substrates

Peroxidase: Purified from horseradish root

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

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

Preservative: None (**Warning:Use of sodium azide as a preservative will substantially inhibit the enzyme acting of horseradish peroxidase**)

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 goat IgG. It also reacts with the light chains of other goat immunoglobulins. NO antibody was detected against non-immunoglobulin serum proteins. The antibody may cross-react with immunoglobulins from other species.

Warning: Bovine serum albumin (BSA) and dry milk may contain IgG. Secondary antibodies directed against bovine, goat, horse, or sheep react with bovine IgG. Therefore, use of BSA or milk to block or dilute these antibodies may significantly increase background and/or reduce antibody titer. For blocking, normal serum (5% v/v) from the host species of the labeled secondary antibody is recommended.

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