

## PRODUCT DATA SHEET

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**COMPLEX**

### Goat Anti-Human IgG (H+L)-HRP

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

**Code Number:** BCP2215

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

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