

PRODUCT SPECIFICATIONS

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

Code Number: 111-035-003

Lot Number: 45468

Physical State: Freeze-dried powder

Size: 2.0 ml

Antibody Concentration: 0.8 mg/ml

Suggested Dilution Range: 1:500 - 1:5,000 for immunohistochemistry on tissue sections
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

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

Stabilizer: 15 mg/ml Bovine Serum Albumin

Preservative: 0.01% Thimerosal (**Warning: Use of sodium azide as a preservative will substantially inhibit the enzyme activity of horseradish peroxidase.**)

Reconstitution and Storage: Store freeze-dried product at 2-8°C until opened. After opening, restore to 2.0 ml with distilled water. Centrifuge product if it is not completely clear after standing for 1-2 hours at room temperature. (To judge clarity, draw product into a clean pasteur pipette). Product is stable for several weeks at 2-8°C as an undiluted liquid. After dilution, do not use for more than one day. For extended storage after reconstitution, we suggest the addition of an equal volume of glycerol to make a final glycerol concentration of 50% followed by storage at -20°C, with or without aliquoting. Please note that the concentration of protein and buffer salts will decrease to 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 rabbit IgG and with light chains common to most rabbit 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.