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## Certificate of Analysis

### Goat Anti-Rabbit IgG, HRP-conjugate

Catalog #12-348

Lot # 32359

**Immunogen:** Highly purified whole rabbit IgG.

**Specificity:** Specific for rabbit IgG heavy and light chains.

**Species Cross-reactivity:** Rabbit.

**Formulation:** 500µg of immunoaffinity purified goat IgG conjugated to horseradish peroxidase lyophilized from 0.02M Potassium Phosphate, 0.15M NaCl, pH 7.2, 10mg/ml BSA, and 0.01% gentamicin sulfate.

**Rehydration:** Add 500µl sterile, distilled water containing 50% glycerol, to make a 1mg/ml stock solution.

**Storage and Stability:** Lyophilized: Stable for 2 years at -20°C from date of shipment. Rehydrated: Stable for 6 months at -20°C.

**FOR RESEARCH USE ONLY  
NOT FOR USE IN HUMANS**

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### Quality Control Testing

**Application(s):** Suitable for immunoblotting (western or dot blot), ELISA and immunohistochemistry. A working dilution of 1:7,500 to 1:30,000 is suggested for ELISA. A working dilution of 1:1,000 to 1:3,000 is suggested for immunoblotting procedures. A working dilution of 1:500 to 1:2,000 is suggested for immunohistochemistry. Optimal antibody dilution for other applications should be determined by the researcher.

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### Application Reference:

1. Yamasaki, S., *et al.*, J. Biol. Chem. **276**: 45175-45183, 2001.