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## Certificate of Analysis

### Goat Anti-Mouse IgG, HRP conjugate

(goat polyclonal IgG)

Catalog # 12-349

Lot # 32630

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

**Specificity:** Recognizes mouse IgG, both heavy and light chains.

**Species Cross-reactivity:** Mouse.

**Storage and Stability:** Lyophilized: Stable for 2 years at -20°C from date of shipment. Rehydrated: Stable for 6 months at -20°C. Aliquot to avoid repeated freezing and thawing.

**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.

**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 1:10,000 to 1:40,000 is suggested for ELISA, 1:1,000 to 1: 4,000 for Western blotting and 1:500-1:2,000 for immunohistochemistry. Optimal antibody dilution for other applications should be determined by the researcher.

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### Application References:

1. Yamasaki, S., *et al.*, J. Biol. Chem. **276**: 45175-83, 2001.