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Certificate of Analysis

Goat Anti-Mouse IgG, HRP conjugate

(goat polyclonal IgG)

Catalog # 12-349

Lot # 0704057797

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: 500 µg 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 500 µL sterile, distilled water containing 50% glycerol, to make a 1 mg/mL stock solution.

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

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 to 1:2,000 for immunohistochemistry. Optimal antibody dilution for other applications should be determined by the researcher.

Application References:

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