

## Certificate of Analysis

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

Catalog #12-348

Lot # JBC1381991

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

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

**Species Cross-reactivity:** Rabbit.

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

**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* (2001). Docking protein Gab2 is phosphorylated by ZAP-70 and negatively regulates T cell receptor signaling by recruitment of inhibitory molecules. *J Biol Chem* **276**: 45175-83.