

Certificate of Analysis

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Goat Anti-Rabbit IgG, HRP-conjugate
Catalog #12-348
Lot # DAM1479609

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**

Quality Control Testing

Application(s): Suitable for immunoblotting (western or dot blot), ELISA and immunohistochemistry. A working dilution of 1:15,000 to 1:60,000 is suggested for ELISA. A working dilution of 1:2,000 to 1:6,000 is suggested for immunoblotting procedures. A working dilution of 1:500 to 1:3,000 is suggested for immunohistochemistry. Optimal antibody dilution for other applications should be determined by the researcher.

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.

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