

## Certificate of Analysis

### Goat Anti-Mouse IgG (H+L), Rhodamine conjugate

(goat polyclonal IgG)

Catalog # 12-509

Lot # DAM1487571

**Immunogen:** Mouse IgG whole molecule.

**Specificity:** Recognizes mouse IgG, both heavy and light chains. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-goat serum, mouse IgG and mouse serum.

**Species Cross-reactivity:** Mouse.

**Absorption Wavelength:** 550nm

**Emission Wavelength:** 570nm

**Fluorochrome/Protein Molar Ratio:** 2.9

**Formulation:** 500µg of immunoaffinity purified goat IgG, conjugated to rhodamine, lyophilized from 0.02M potassium phosphatase, pH 7.2, 150mM NaCl, 0.01% sodium azide and 10mg/ml BSA.

**Rehydration:** Add 500µl sterile, distilled water to make a 1mg/ml stock solution. Aliquot to avoid repeated freezing and thawing.

**Storage and Stability:** Lyophilized: Stable for 1 year at 4°C from date of shipment. Rehydrated: Stable for 1 year at -20°C.

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

---

### Research Applications

**Application(s):** Suitable for immunomicroscopy and flow cytometry or FACS analysis, as well as other antibody based fluorescent assays requiring lot-to-lot consistency. Optimal antibody dilution should be determined by the researcher.

---

Unless otherwise stated in our catalog or other company documentation accompanying the product(s), our products are intended for research use only and are not to be used for any other purpose, which includes but is not limited to, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses or any type of consumption or application to humans or animals.