



## Certificate of Analysis

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

Catalog # 12-509

Lot # DAM1598803

**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 phosphate, 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 DIAGNOSTIC  
PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION

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### 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.

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28820 Single Oak Drive • Temecula,  
CA 92590  
Technical Support: T: 1-800-MILLIPORE (1-800-645-5476) • F: 1-800-437-7502  
www.millipore.com