

## **PRODUCT SPECIFICATIONS**

**Product:** Rhodamine (TRITC)-conjugated AffiniPure Goat Anti-Rat IgG (H+L)

**Code Number:** 112-025-003

**Lot Number:** 69893

**Physical State:** Freeze-dried powder

**Size:** 2.0 mg (This product has been overfilled to ensure total recovery of stated quantity.)

**Antibody Concentration:** 1.5 mg/ml

**Suggested Dilution Range:** 1:50 - 1:200 for most applications

**Fluorophore:** Tetramethyl Rhodamine Isothiocyanate (TRITC)

**Fluorophore/Protein Absorbance Ratio:** A550/A280 = 0.49

**Buffer:** 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6

**Stabilizer:** 15 mg/ml Bovine Serum Albumin (IgG-Free, Protease-Free)

**Preservative:** 0.05% Sodium Azide

**Reconstitution and Storage:** Store freeze-dried product at 2-8°C until reconstitution. When ready to use, reconstitute with 1.5 ml d. water. Centrifuge product if the solution is not clear after reconstitution. To judge clarity, draw product into a clean pasteur pipette. Product is stable for about 6 weeks at 2-8°C as an undiluted liquid. Storing the product for more than one day at final working dilutions is not recommended. For extended storage as a liquid, add an equal volume of glycerol (ACS or better grade) for a final concentration of 50% followed by storage at -20°C. Please note that the concentration of protein and buffer salts will be one-half of the original after the addition of glycerol.

**Expiration date:** one year from date of reconstitution.

**Purity:** The antibody was isolated from antisera by immunoaffinity chromatography using antigens coupled to agarose beads.

**Antibody Specificity:** Based on immunoelectrophoresis, the antibody reacts with the heavy chains on rat IgG and with the light chains common to most rat immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins, but the antibody may cross-react with immunoglobulins from other species.

**Country of Origin:** USA

**Note:** For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.