

**Phycoerythrin (R-PE) conjugated Affinity pure Goat anti-Rat IgG (H+L) (Minimum cross reactivity with bovine, horse, human, and rabbit serum proteins)**

**Catalog number: SA-8851-22**

**Description:** This affinity pure anti-rat immunoglobulin was purified from healthy goat immunized with purified rat IgG (H+L). The immunized serum was delipidated and heat inactivated at 56°C before affinity purification. The purified IgG (H+L) was treated with pH 2.8 for at least 30 minutes.

**Size:** 1 ml

**Antibody Concentration:** 0.5 mg of affinity pure antibody was conjugated with equimolar amount of R-PE; the conjugate was purified on gel filtration column.

**Phycoerythrin:** Purified phycoerythrin (R-PE) was isolated from seaweed.  
Absorbance max. = 490 nm, 545 nm, and 565 nm; E max. = 580 nm

**Intended Use:** Immunofluorescence 1:50-1:100  
Flow cytometry 1:1,000 1:5,000 (not tested in our lab).  
The optimum dilution should be determined by the individual lab.

**Storage:** Storage: 2-8°C

**Buffer:** 10 mM phosphate, 150 mM NaCl, pH 7.6, 1 % BSA (IgG and protease free) and 0.05% sodium azide

**Immunogen:** Purified Rat IgG (H+L)

**Antibody specificity:** The antibody is purified on immunoaffinity rat IgG (H+L) column. Using ELISA, this antibody reacts with rat IgG (H+L), heavy and light chains and light chains of other rat immunoglobulins. This antibody does not cross react with non-immunoglobulin serum proteins. This antibody has minimum cross reactivity with bovine, horse, human and rabbit serum proteins as determined by ELISA. Cross reactivity to other serum proteins have not been determined.

**Limitation and warranty:** Our warranty is limited to the actual price paid for the product. We are not liable for any property damage, personnel injury, time, effort or economic loss due to our product.

**MSDS:** This product contains 0.05 % sodium azide as a preservative, appropriate care should be taken in handling. National Institute of Occupational Safety and Health has warning that sodium azide can react with lead, copper, brass or solder in the plumbing system and forms hydrazoic acid in acidic condition. Discard with copious amount of water. Avoid skin and eye contact with all laboratory products. Use appropriate laboratory gear, coat, gloves and safety glasses. Do not ingest any laboratory products. This product is not approved for administration in human or animals.

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