

Goat Anti-Rat IgG antibody (PE)

Cat. No. GTX72984

Host	Goat
Clonality	Polyclonal
Isotype	IgG
Application	FACS
Reactivity	Rat

Package
1 ml

APPLICATION

Application Note

Prepare conjugate as described above. Use 1 to 3 micrograms of the conjugate per 1×10^6 cells suspended in 0.1 mL. This suspension contains 1 mg of conjugate per milliliter. Do not dilute entire sample at once. Mix vial contents well. Then, withdraw aliquots as needed with a micropipette and transfer into a conical centrifuge tube. Centrifuge at maximum speed for 4 minutes. Remove and discard clear supernatant and dissolve colored precipitate in 100 mM sodium phosphate pH 7.0 containing 5 mg/mL of bovine serum albumin. This suspension contains 1 mg of conjugate per milliliter. Do not dilute entire sample at once. Mix vial contents well. Then, withdraw aliquots as needed with a micropipette and transfer into a conical centrifuge tube. Centrifuge at maximum speed for 4 minutes. Remove and discard clear supernatant and dissolve colored precipitate in 100 mM sodium phosphate pH 7.0 containing 5 mg/mL of bovine serum albumin. **PROTEIN CARRIER:** bovine serum albumin **CONJUGATE CHARACTERISTICS:** The antibody used in this product is an affinity-purified goat anti rat IgG with heavy and light chain specificity. This antibody does not cross react with human immunoglobulins. This antibody cross reacts strongly with mouse IgG. Total activity of conjugate against immobilized rat gammaglobulins: >95% The biliprotein used in making this conjugate had the following characteristics: Mol.Wt. 240,000 Molar Extinction Coefficient at 565 nm: 1.9×10^6 Emission Max. 575 nm (using excitation at 500 nm). **LICENSED FOR USE IN FLOW CYTOMETRY.**

PROPERTIES

Form	Liquid
Buffer	3.0M Ammonium Sulfate, 50mM Sodium Phosphate pH7.0
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C. DO NOT FREEZE. Protect from light.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Conjugation	Phycoerythrin (PE)
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



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