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# Product Datasheet

## Goat anti-Rat IgG (H&L), TRITC conjugated, min. cross-reactivity to human, mouse IgG

### GRP12385

| | |
|---|---|
| **Species/Host** | Goat |
| **Form/Appearance** | Lyophilized |
| **Storage** | Store lyophilized material at 2-8°C.For long time storage after reconstitution, dilute the antibody solution with glycerol to a final concentration of 50% glycerol and store as liquid at -20°C, to prevent loss of enzymatic activity. For example, if you have reconstituted 1 mg of antibody in 1.1 ml of sterile water add 1.1 ml of glycerol. Such solution will not freeze in -20°C. If you are using a 1:5000 dilution prior to diluting with glycerol, then you would need to use a 1:2500 dilution after adding glycerol. Prepare working dilution prior to use and then discard. Be sure to mix well but without foaming. |
| **Note** | For research use only. |
| **Clonality** | Polyclonal |
| **Purity** | Affinity purified IgG |
| **Dilution Range** | 1 : 20-1 : 2000 (IHC), 1 : 50-1 : 5000 (ICC) (Flow cyt) |
| **Application Notes** | Additional Information: This antibody reacts with the heavy chains on rat IgG and with the light chains on all rat immunoglobulins based on immunoelectrophoresis.Minimum cross-reactivity is observed to non-immunoglobulin rat serum proteins or to human or mouse IgG based on immunoelectrophoresis.Antibody is supplied in 10 mM sodium phosphate, 150 mM sodium chloride, pH 7.2, 1% (w/v) BSA, protease/IgG free and 0.05 % (w/v) sodium azide as preservative. Background: Goat anti-rat IgG (H&L), Rhodamine (TRITC-tetramethylrhodamine-5-isothiocyanate) conjugated, is a secondary antibody which binds to rat IgGs in immunological assays. TRITC has Amax = 550 nm, Emax = 570 nm. Antibodies are adsorbed against human,mouse IgG and affinity purified using solid phase rat IgG. Reconstitution: For reconstitution add 1.1 ml of sterile water. Let it stand 30 minutes at room temperature to dissolve. Prepare fresh working dilutions daily. |