

Product Datasheet

Goat anti-Rat IgG (H&L), TRITC conjugated GRP12465

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| 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 | The optimal working dilution should be determined by the investigator. Usually 1 : 100-1 : 500. |
| 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. Please include 5 % goat serum in secondary antibody diluent buffer. Minimum cross-reactivity is observed to non-immunoglobulin rat serum proteins 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 $A_{max} = 550 \text{ nm}$, $E_{max} = 570 \text{ nm}$. Antibodies are 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. |