

## Product Datasheet

### Goat anti-Mouse IgG (H&L), TRITC conjugated, min. cross-reactivity to bovine, horse, human, pig or rabbit serum GRP12521

|                   |  |
|-------------------|--|
| Species/Host      | Goat   |
| Immunogen         | Purified mouse IgG (H&L) AAA51107  |
| 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. Suggested starting dilution(s): 1 : 20-1 : 2000 for most applications   |
| Application Notes | <p>Additional Information: Purity of this preparation is &gt; 95% based on SDS-PAGE. Antibody concentration is 1.0 mg/ml (E 1% at 280 nm = 13.0). Antibody is supplied in 10 mM sodium phosphate, 0.15 M sodium chloride, pH 7.2. 1 % (w/v) B, Protease/IgG free. Contains 0.05% (w/v) sodium azide as preservative of bacterial growth. Based on immunoelectrophoresis, this antibody reacts with: heavy chains on mouse IgG, light chains on all mouse immunoglobulins. Based on immunoelectrophoresis, no reactivity is observed to: non-immunoglobulin mouse serum proteins, serum proteins from bovine, horse, human, pig, or rabbit. Background: Goat anti-mouse IgG (H&amp;L) is a secondary antibody conjugated to TRITC, which binds to mouse IgG (H&amp;L) in immunological assays. Antibody is affinity purified using solid phase Mouse IgG (H&amp;L). Tetramethylrhodamine-5-isothiocyanate (TRITC) has <math>A_{max} = 550 \text{ nm}</math>; <math>E_{max} = 570 \text{ nm}</math>. 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.</p> |