

## Product Datasheet

### Goat anti-Rat IgG (H&L), DyLight® 488 conjugated, min. cross-reactivity to human, mouse IgG GRP12262

|                          |   |
|--------------------------|---|
| <b>Species/Host</b>      | Goat  |
| <b>Immunogen</b>         | Purified Rat IgG, whole molecule  |
| <b>Form/Appearance</b>   | Lyophilized   |
| <b>Storage</b>           | Store lyophilized material at 2-8°C. Product is stable for 4 weeks at 2-8°C after rehydration. 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.   |
| <b>Note</b>              | For research use only.  |
| <b>Clonality</b>         | Polyclonal  |
| <b>Purity</b>            | Affinity purified goat IgG  |
| <b>Dilution Range</b>    | 1 : 20-1 : 2000 for most applications   |
| <b>Application Notes</b> | <p>Additional Information: Conjugate is present in 10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 1 % (w/v) BSA, Protease/IgG free. 0.05 % (w/v) sodium azide is added as preservative. Based on immunoelectrophoresis, this antibody reacts with: heavy (γ) chains on rat IgG, light chains on all rat immunoglobulins. No reactivity is observed to: non-immunoglobulin mouse serum proteins, IgG from human or mouse. Background: Goat anti-Rat IgG (H&amp;L), DyLight® 488 Conjugated, min. cross-reactivity to human, mouse IgG is a secondary antibody conjugated to DyLight® 488, which binds to Rat IgG (H&amp;L) in immunological assays. DyLight® 488 has Amax = 493 nm, Emax = 518 nm. Antibodies are purified using solid phase Rat IgG (H&amp;L). DyLight® is a registered trade mark of ThermoFisher Inc., and its subsidiaries. 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> |