

## Product Datasheet

### Goat anti-Rat IgG (H&L), DyLight® 550 conjugated GRP12814

Species/Host	Goat
Immunogen	Purified rat IgG
Form/Appearance	Lyophilized
Storage	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.
Note	For research use only.
Clonality	Polyclonal
Purity	Affinity purified goat IgG
Dilution Range	1 : 20-1 : 2000 for most applications
Application Notes	<p>Additional Information: 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 rat serum proteins. 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.</p> <p>Background: Goat anti-Rat IgG (H&amp;L) - Affinity Pure, DyLight®550 Conjugate is a secondary antibody conjugated to DyLight® 550, which binds to all rat IgG (H&amp;L) in immunological assays. DyLight® 550 has Amax = 562 nm, Emax = 576 nm. Antibodies are affinity purified using solid phase rat IgG (H&amp;L). DyLight® is a registered trade mark of Thermofisher Inc., and its subsidiaries.</p> <p>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>