

## Product Datasheet

### Donkey anti-Rat IgG (H&L), DyLight® 550 conjugated, min. cross-reactivity to bovine, chicken, goat, guinea pig, hamster, horse, human, mouse, rat, sheep IgG GRP12813

<b>Species/Host</b>	Donkey
<b>Immunogen</b>	Purified rat IgG
<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 donkey IgG
<b>Dilution Range</b>	1 : 20-1 : 2000 for most applications
<b>Application Notes</b>	<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 IgG from bovine, chicken, goat, guinea pig, hamster, horse, human, mouse, rabbit or sheep. 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. Background: Donkey anti-Rat IgG (H&amp;L) - DyLight®550 Conjugated, min. cross-reactivity to bovine, chicken, goat, guinea pig, hamster, horse, human, mouse, rat or sheep IgG 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. 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>