

**Product no** **AS12 1975****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****Product information**

<b>Immunogen</b>	Purified rat IgG
<b>Host</b>	Donkey
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Immunogen affinity purified donkey IgG.
<b>Format</b>	Lyophilized
<b>Quantity</b>	1 mg
<b>Reconstitution</b>	For reconstitution add 1.1 ml of sterile water. Let it stand 30 minutes at room temperature to dissolve. Prepare fresh working dilutions daily
<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>Additional information</b>	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

**Application information**

<b>Recommended dilution</b>	1 : 20-1 : 2000 for most applications
<b>Additional information</b>	Based on immunoelectrophoresis, this antibody reacts with: heavy ( ) 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.