

**Product no** **AS12 1980****Goat anti-Rat IgG (H&L), F(ab)'2 fragment, DyLight® 550 conjugated, min, cross-reactivity to human, mouse IgG****Product information**

<b>Immunogen</b>	Purified Rat IgG, whole molecule
<b>Host</b>	Goat
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Immunogen affinity purified goat IgG.
<b>Format</b>	Lyophilized
<b>Quantity</b>	0.5 mg
<b>Reconstitution</b>	For reconstitution add 0.55 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 0.5 mg of antibody in 0.55 ml of sterile water add 0.55 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 mouse serum proteins IgG from human or mouse.