

## Product Datasheet

### Donkey anti-Sheep IgG (H&L), DyLight® 488 conjugated, min. cross-reactivity to human, mouse, or rabbit IgG GRP12457

<b>Species/Host</b>	Donkey
<b>Immunogen</b>	Purified Sheep 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 donkey 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 sheep IgG, light chains on all sheep immunoglobulins. No reactivity is observed to: non-immunoglobulin sheep serum proteins, IgG from human, mouse or rabbit. Cross-reactivity to goat IgG has not been tested. BSA and milk have to be replaced by other blocking reagents, like donkey serum or commercial formulations which are free from bovine IgG. Background: Donkey anti-Sheep IgG (H&amp;L), DyLight®488 Conjugated, min. cross-reactivity to human, mouse, or rabbit IgG is a secondary antibody conjugated to DyLight® 488, which binds to Sheep IgG (H&amp;L) in immunological assays. DyLight® 488 has <math>\lambda_{max} = 493 \text{ nm}</math>, <math>\lambda_{em} = 518 \text{ nm}</math>. Antibodies are purified using solid phase Sheep 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>