

**Product no** **AS12 2100****Donkey anti-Sheep IgG (H&L), DyLight® 594 conjugated, min, cross-reactivity to human, mouse, or rabbit IgG****Product information**

|                               |   |
|-------------------------------|---|
| <b>Immunogen</b>              | Purified sheep IgG, whole molecule  |
| <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 sheep IgG light chains on all sheep immunoglobulins.<br><br>No reactivity is observed to: non-immunoglobulin sheep serum proteins IgG from human, mouse or rabbit.<br><br>BSA and milk have to be replaced by other blocking reagents, like donkey serum or commercial formulations which are free from bovine IgG. |