

**Product no** **AS10 1257****Donkey anti-Sheep IgG (H&L), DyLight® 488 conjugated, min, cross-reactivity to human, mouse, or rabbit IgG****Product information****Immunogen** Purified Sheep IgG, whole molecule**Host** Donkey**Clonality** Polyclonal**Purity** Immunogen affinity purified donkey IgG.**Format** Lyophilized**Quantity** 1 mg**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**Storage** 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**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 ( ) 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.

**Application information****Recommended dilution** 1 : 20-1 : 2000 for most applications**Predicted reactivity****Not reactive in****Additional information**