

Product no **AS12 1997****Donkey anti-Goat IgG (H&L), DyLight® 594 conjugated****Product information**

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| Immunogen | Purified goat 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 |

Application information

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| Recommended dilution | 1 : 20-1 : 2000 for most applications |
| Additional information | Based on immunoelectrophoresis, this antibody reacts with: heavy chains on goat IgG light chains on all goat immunoglobulins. No reactivity is observed to: non-immunoglobulin goat serum proteins. BSA and milk have to be replaced by other blocking reagents, like donkey serum or commercial formulations which are free from bovine IgG. |
| Selected references | Ainla et al. (2013) . Lab on a Biomembrane: rapid prototyping and manipulation of 2D fluidic lipid bilayers circuits. Sci Rep. 2013 Sep 25;3:2743. doi: 10.1038/srep02743. |