

**Product no** **AS10 1427****Goat anti-Mouse IgG (H&L), HRP conjugated, min, cross-reactivity to bovine, horse, human, pig or rabbit serum****Product information****Immunogen** Purified mouse IgG (H&L) [AAA51107](#)**Host** Goat**Clonality** Polyclonal**Purity** Immunogen affinity purified goat 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. 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** Purity of this preparation is > 95% based on SDS-PAGE. Antibody concentration is 1.0 mg/ml. Antibody is supplied in 10 mM sodium phosphate, 0.15 M sodium chloride, pH 7.2.1 % (w/v) B, Protease/IgG free. Contains 0.1 % (v/v) Kathon CG as preservative of bacterial growth.

Based on immunoelectrophoresis, this antibody reacts with: heavy chains on mouse IgG, light chains on all mouse immunoglobulins. Based on immunoelectrophoresis, no reactivity is observed to: non-immunoglobulin mouse serum proteins, serum proteins from bovine, horse, human, pig, or rabbit.

**Application information****Recommended dilution** 1: 2000 - 1: 5000 (ELISA, WB), 1: 500 - 1: 5000 (IHC)**Selected references** [Barahimipour et al. \(2016\)](#). Efficient expression of nuclear transgenes in the green alga *Chlamydomonas*: synthesis of an HIV antigen and development of a new selectable marker. *Plant Mol Biol.* 2016 Mar;90(4-5):403-18. doi: 10.1007/s11103-015-0425-8. Epub 2016 Jan 8.