

Product no **AS10 964****Goat anti-Mouse IgG (H&L), HRP conjugated, min, cross-reactivity to bovine, goat, human, rabbit, rat IgG****Product information****Host** | Goat**Clonality** | Polyclonal**Purity** | Immunogen affinity purified 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** | This antibody reacts with the heavy chains on mouse IgG and with the light chains on all mouse immunoglobulins based on immunoelectrophoresis.

Minimum cross-reactivity is observed to non-immunoglobulin human serum proteins as well as bovine, goat, human, rabbit or rat IgG.

Antibody is supplied in 10 mM sodium phosphate, 150 mM sodium chloride, pH 7.2, 10 % (w/v) BSA, Protease/IgG free and 0.1 % (v/v) Kathon CG is used as preservative. Use of sodium azide will inhibit enzymatic activity of horseradish peroxidase.

Concentration: 1.0 mg/ml (E 1% at 280 nm = 13.0)

**Application information****Recommended dilution** | The optimal working dilution should be determined by the investigator, Suggested starting dilution: 1 : 20-1 : 2000 depending upon the application (immunolocalization or western blot)