

Product no **AS10 791****Goat anti-Human IgG Fc, HRP conjugated****Product information****Immunogen** Purified human IgG**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** HRP-conjugate is supplied in 10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 10 % (w/v) BSA, Protease/IgG free

0.1 % (v/v) of Kathon CG is used as preservative. Use of sodium azide will inhibit enzyme activity of horseradish peroxidase

**Application information****Recommended dilution** The optimal working dilution should be determined by the investigator**Confirmed reactivity** Human IgG Fc (two heavy chains with constant domains)**Predicted reactivity** Human IgG Fc (two Heavy chains with constant domains)**Not reactive in** No confirmed exceptions from predicted reactivity are currently known**Additional information** This antibody reacts with the heavy chains on human IgG based on immunoelectrophoresis.

No reactivity is observed to the light chains on human immunoglobulins or non-immunoglobulin human serum proteins or human IgG F(ab)'2 fragment based on immunoelectrophoresis.