

**Product no** **AS10 817****Goat anti-Human IgG Fc, F(ab)<sup>2</sup> fragment, HRP conjugated, min, cross-reactivity bovine/mouse/rabbit serum****Product information****Immunogen** | Purified human IgG**Host** | Goat**Clonality** | Polyclonal**Purity** | Immunogen affinity purified goat IgG.**Format** | Lyophilized**Quantity** | 0.5 mg**Reconstitution** | For reconstitution add 0.55 ml of sterile water**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 with the light chains on human immunoglobulins or non-immunoglobulin human serum proteins or bovine, mouse or rabbit serum proteins or IgG F(ab)<sup>2</sup> fragment based on immunoelectrophoresis.

The antibody has been absorbed against solid phase normal bovine, mouse and rabbit serum in addition to mouse and rabbit IgG.