

Product no **AS10 1406****Goat anti-Human kappa chain, HRP conjugated****Product information**

Immunogen	Purified human Kappa (k) Light Chain BAA37169.1
Host	Goat
Clonality	Polyclonal
Purity	Immunogen affinity purified goat IgG using solid phase Human Kappa () Light Chain
Format	Lyophilized
Quantity	0.5 mg

Reconstitution Rehydrate with 0.55 ml of deionized water and let stand 30 minutes at room temperature to dissolve. (Product has been overfilled to ensure complete recovery.) Centrifuge to remove any particulates. Prepare fresh working dilution 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 0.5 mg of antibody in 0.55 ml of sterile water add 0.55 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) B₂, Protease/IgG free. Contains 0.1 % (v/v) Kathon CG as preservative of bacterial growth.

Based on immunoelectrophoresis, this antibody reacts with: kappa (k) light chains on human immunoglobulins. Based on immunoelectrophoresis, no reactivity is observed to: non-immunoglobulin human serum proteins, heavy chains on human immunoglobulins, lambda light chains on human immunoglobulins.

Application information

Recommended dilution 1: 200 - 1: 5000 (ELISA), 1 : 500-1 : 5 000 (IHC), 1 : 200-1 : 5000 (WB)

Confirmed reactivity Kappa () Light Chain on all human immunoglobulins

Additional information Based on IEP, no reactivity is observed to:

- non-immunoglobulin human serum proteins
- heavy chains on all human immunoglobulins
- Lambda () light chains on all human immunoglobulins