

Product datasheet for R1401HRP

Human Kappa Light Chain (F(ab)₂ Fragment) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Recommended Dilution:	Suitable for Immunoblotting (Western or Dot blot), ELISA, immunoperoxidase electron microscopy and Immunohistochemistry as well as other peroxidase-antibody based enzymatic assays requiring extremely low background levels, absence of F(c) mediated binding, lot-to-lot consistency, high titer and specificity. <i>Recommended Dilutions:</i> ELISA: 1/50,000. Western Blot: 1/2000-1/10000. Immunohistochemistry: 1/1000-1/5000. Note: This product has been assayed against 1.0 µg of Human IgG in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:200 to 1:1,000 of the reconstitution concentration is suggested for this product.
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Human kappa chain.
Specificity:	This product was prepared from monospecific antiserum by Immunoaffinity chromatography using Human antigens coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities, pepsin digestion and chromatographic separation. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase and anti-Goat Serum. No reaction was observed against anti-Pepsin or anti-Goat IgG F(c). Specificity was confirmed by ELISA at less than 1% cross reactivity against other human heavy or light chain isotypes.
Formulation:	0.125 M Sodium Borate, 0.075 M Sodium Chloride, 0.005 M EDTA, pH 8.0 Label: HRP State: Lyophilized F(ab') ₂ fragments. Stabilizer: 10 mg/ml BSA (IgG and Protease free) Preservative: 0.01% (w/v) Thimerosal Label: Horseradish Peroxidase



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- Reconstitution Method:** Restore with 1.0 ml of deionized water (or equivalent).
- Concentration:** lot specific
- Purification:** Immunoaffinity chromatography.
- Conjugation:** HRP
- Storage:** Store vial at 2-8°C prior to restoration. For extended storage add glycerol to 50% and then aliquot contents and freeze at -20°C or below. Centrifuge product if not completely clear after standing at room temperature.
This antibody is stable for one month at 2-8°C as an undiluted liquid.
Dilute only prior to immediate use.
Avoid repeated freezing and thawing.
- Stability:** Shelf life: One year from despatch.