

## Product datasheet for R1401AP

### Human Kappa Light Chain (F(ab)<sub>2</sub> Fragment) Goat Polyclonal Antibody

#### Product data:

<b>Product Type:</b>	Primary Antibodies
<b>Recommended Dilution:</b>	Suitable for Immunoblotting (Western or Dot blot), ELISA and Immunohistochemistry as well as other phosphatase-antibody based enzymatic assays requiring extremely low background levels, absence of Fc mediated binding, lot-to-lot consistency, high titer and specificity. <u>Recommended Dilutions:</u> This product has been assayed against 1.0 µg of Human IgG in a standard capture ELISA using pNPP p-nitrophenyl phosphate 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.
<b>Reactivity:</b>	Human
<b>Host:</b>	Goat
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	Human kappa chain.
<b>Specificity:</b>	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- Alkaline Phosphatase 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.
<b>Formulation:</b>	0.05 M Tris Chloride, 0.15 M Sodium Chloride, 0.001M Magnesium Chloride, 0.0001 M Zinc Chloride, 50% (v/v) Glycerol; pH 8.0 Label: AP State: Liquid (sterile filtered) F(ab') <sub>2</sub> fragments. Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free  Preservative: 0.01% (w/v) Sodium Azide
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Immunoaffinity chromatography.



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<b>Conjugation:</b>	AP
<b>Storage:</b>	Store the antibody as undiluted liquid at 2-8°C. <b>DO NOT FREEZE!</b> Freezing alkaline phosphatase conjugates will result in a substantial loss of enzymatic activity. Dilute only prior to immediate use.
<b>Stability:</b>	Shelf life: One year from despatch.