

Product datasheet for R1401P

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

Product data:

Product Type:	Primary Antibodies
Recommended Dilution:	Suitable for highly specific Immunological methods requiring extremely low background levels, absence of F(c) mediated binding, lot-to-lot consistency, high titer and specificity. ELISA: 1/25,000. Western blot: 1/2,000 - 1/10,000. Immunohistochemistry: 1/1,000 - 1:5,000.
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Anti-Human IgG (kappa chain) was produced by repeated immunization with human IgG kappa light chain in goat.
Specificity:	This product was prepared from monospecific antiserum by Immunoaffinity chromatography using 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-Goat Serum, Human IgG and Human 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 with 0.01% (w/v) Sodium Azide as preservative. State: Aff - Purified State: Liquid (sterile filtered) F(ab')2 fragments.
Concentration:	lot specific
Purification:	Immunoaffinity chromatography.
Conjugation:	Unconjugated
Storage:	Store the antibody (undiluted) at 2-8°C for one month or (in aliquots) at -20°C for longer. Dilute only prior to immediate use. Avoid cycles of freezing and thawing.
Stability:	Shelf life: One year from despatch.



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Background:

Anti-Human IgG (kappa chain) antibody generated in goat detects specifically human IgG (kappa chain). This secondary antibody anti-Human is ideal for investigators who routinely perform titration assays, western-blot, immunoprecipitation and more generally immunoassays.