

## Product datasheet for **AP31534FC-N**

### Human Lambda Light Chain (free and bound) Goat Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, ID, IF, IHC, IP
Recommended Dilution:	This conjugate is intended for use in direct Immunofluorescence for the detection of polyclonal immunoglobulins, purified monoclonal immunoglobulins of the lambda type as well as free light chains or Bence Jones proteins of the lambda type in serum or other body fluids. This immunoconjugate is not pre-diluted. The optimum working dilution of each conjugate should be established by titration before being used. Excess labelled antibody must be avoided because it may cause high unspecific background staining and interfere with the specific signal. Recommended Working Dilutions: Usually between 1/10 and 1/30.
Reactivity:	Human
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A pool of purified Bence Jones lambda proteins isolated from human urine. Freund's complete adjuvant is used in the first step of the immunization procedure.
Specificity:	The reactivity of the antiserum is directed to the surface and hidden determinants of Ig lambda light chain. In immunoelectrophoresis this antiserum is reacting with polyclonal and monoclonal immunoglobulins of the lambda type, Bence Jones proteins as well as free light chains of the lambda type. This antiserum does not react with any other protein of human serum or plasma. <u>Cross-reactivity:</u> Inter-species cross-reactivity is a normal feature of antibodies to immunoglobulins and their fragments, since Ig of different species frequently share antigenic determinants. Crossreactivity of this antiserum has not been tested in detail.



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<b>Formulation:</b>	PBS, pH 7.2 No preservative added, as it may interfere with the antibody activity. No foreign proteins added. Label: FITC State: Lyophilized purified Hyperimmune IgG fraction Label: Fluorescein isothiocyanate isomer 1 Absorption emission: 492nm / 515nm Molar ratio: 2.5
<b>Reconstitution Method:</b>	Restore with 1 ml sterile distilled water.
<b>Concentration:</b>	lot specific
<b>Purification:</b>	DEAE-column Chromatography
<b>Conjugation:</b>	FITC
<b>Storage:</b>	Prior to reconstitution store at 2-8°C. Following reconstitution store undiluted at 2-8°C for one week or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Note:</b>	<b>Adsorption:</b> Immunoaffinity adsorbed using insolubilized antigens as required, to eliminate antibodies reacting with other human serum proteins.