

Product datasheet for **AP31534AF-N**

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

Product data:

Product Type: Primary Antibodies

Applications: ELISA, ID, IF, IP, WB

Recommended Dilution: This IgG preparation is intended for use in precipitating (gel diffusion) and nonprecipitating antibody-binding immunoassays (indirect immunofluorescence, enzyme immunoassays 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; to prepare an insoluble immunoaffinity adsorbent or a solid phase catching antibody reagent by coupling to an artificial carrier; for labeling with a marker of the user's own choice. When applied in any cytochemical or histochemical procedure or solids phase coupling technique, the optimum concentration of the IgG preparation should always be established by titration.

Working dilutions:

For **histochemical and cytochemical** use are usually between 1/50 and 1/250.

In **ELISA and comparable non-precipitating antibody-binding assays** between 1/500 and 1/2000.

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.

Cross-reactivity: Inter-species cross-reactivity is a normal feature of antibodies to immunoglobulins and their fragments, since Ig of different species frequently share antigenic determinants. Cross-reactivity of this antiserum has not been tested in detail.



[View online »](#)

Formulation:	PBS, pH 7.2 No preservative added, as it may interfere with the antibody activity. No foreign proteins added. State: Azide Free State: Lyophilised hyperimmune Ig fraction
Reconstitution Method:	Restore with 1 ml sterile distilled water.
Concentration:	lot specific
Purification:	DEAE-column Chromatography
Conjugation:	Unconjugated
Storage:	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.
Stability:	Shelf life: one year from despatch.
Note:	Adsorption: Immunoaffinity adsorbed using insolubilized antigens as required, to eliminate antibodies reacting with other human serum proteins.