

Product datasheet for **AP31534SU-N**

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

Product data:

Product Type:	Primary Antibodies
Applications:	ID, IP
Recommended Dilution:	Can be used to detect and identify the light chain type of immunoglobulins or free light chains in serum or other body fluids by immunoelectrophoresis or double radial immunodiffusion. <u>Directions for use:</u> In immunoelectrophoresis use 2 µl serum or equivalent against 120 µl antiserum. In double radial immunodiffusion (Ouchterlony) use a rosette arrangement with 10 µl antiserum in 3 mm diameter center well and 2 µl serum samples (neat and serially diluted in 2 mm diameter peripheral wells.
Reactivity:	Human
Host:	Goat
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. Cross-reactivity of this antiserum has not been tested in detail.
Formulation:	No preservative added, as it may interfere with the antibody activity. No foreign proteins added. State: Serum State: Delipidated, heat inactivated lyophilized whole serum.
Reconstitution Method:	Restore with 1 ml sterile distilled water
Conjugation:	Unconjugated



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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.