

**Human (lambda chain) Goat Polyclonal
ATS-SELECT SECONDARY ANTIBODY**

Catalog Number: AS-217
Quantity: 1 milligram
Format: IgG, Liquid (sterile filtered)
Host: Goat
Immunogen: Anti-Human lambda light chain antibody was produced by repeated immunization with Human lambda light chain molecule in goat.

Background: The anti-Human λ (lambda chain) Antibody detects the lambda chain subunit. Immunoglobulins are heterotetramers composed of 2 immunoglobulin heavy and 2 immunoglobulin light chains. The immunoglobulin light chain is the small polypeptide subunit of an antibody (immunoglobulin). In humans the light chains can be categorized into kappa type or lambda type and both are used to construct the antigen binding F(ab) region of an antibody along with the variable region of the heavy chain.

Specificity & Preparation: This product was prepared from monospecific antiserum by immunoaffinity chromatography using Human IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum. Solid phase adsorption(s) against a panel of Human IgG Kappa, IgM Kappa and IgA Kappa proteins was performed. Specificity was confirmed by ELISA.

Usage: Anti-Human λ has been tested by ELISA and western blot and is ideal for investigators who routinely perform ELISA, Sandwich ELISA, titration assays, western-blot, immunoprecipitation and more generally immunoassays.

ELISA 1:4,000 - 1:20,000

Immunohistochemistry 1:1,000 - 1:5,000

Western Blot 1:500 - 1:2,000

Working dilutions must be determined by end user.

Storage: Store vial at 4° C prior to opening. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Expiration date is one (1) year from date of receipt.

To view protocol(s) for this and other products please visit: www.ATSBio.com/library/protocols