

Datasheet for ABIN457710

Rabbit anti-Goat kappa/lambda Light Chain (Kappa/Lambda-IgLC) (Free & Bound) Antibody



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Overview

Quantity:	1 mL
Target:	kappa/lambda Light Chain (Kappa/Lambda-IgLC)
Binding Specificity:	Free & Bound
Reactivity:	Goat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Immunoprecipitation (IP)

Product Details

Immunogen:	Purified light chains isolated from polyclonal goat IgG. Freund's complete adjuvant is used in the first step of the immunization procedure.
Specificity:	Precipitating polyclonal Rabbit antiSerum to Goat light chains, free and bound.
Cross-Reactivity (Details):	Inter-species cross-reactivity is a normal feature of antibodies to immunoglobulins, since Ig of different species frequently share antigenic determinants. Cross-reactivity of this antiSerum has not been tested in detail, but a wide scale of reactivity with IgG of other mammalian species must be assumed. The degree of cross-reactivity depends in addition to the phylogenetic relationship also on the concentrations of the reactants and the sensitivity of the assay format.
Characteristics:	As tested in immunoelectrophoresis and double radial immunodiffusion against pooled normal goat serum and purified IgG fractions and light chain preparations, the antiserum reacts with determinants exposed on the surface (SD) and the Fab portion of all intact immunoglobulins, with Fab or F(ab') ₂ subunits, and with free light chains of both types. This antiserum is not

Product Details

kappa or lambda chain specific. It does not react with any non-Ig protein in goat serum, as tested by immunoelectrophoresis and double radial immunodiffusion. As precipitating antiserum in a variety of immunodiffusion techniques including immunoelectrophoresis and double and single radial immunodiffusion Mancini, Ouchterlony). It has not been tested for use in nephelometry, ELISA or immunochemistry, but this does not exclude such use if proper controls are included.

Clone: Polyclonal

Purification: Delipidated, heat inactivated lyophilized stable whole serum

Sterility: Heat-inactivated

Target Details

Target: kappa/lambda Light Chain (Kappa/Lambda-IgLC)

Alternative Name: kappa lambda ([Kappa/Lambda-IgLC Products](#))

Application Details

Application Notes: In immunoelectrophoresis use 2 µL or equivalent against 120 µL antiserum. In double radial immunodiffusion (Ouchterlony) use a rosette arrangement with 10 µL antiserum in a 3 mm diameter centre well and 2 µL serum samples (neat and serially diluted) in 2 mm diameter peripheral wells. In single immunodiffusion, use 1 % antiserum in agar gel to establish a standard curve.

Restrictions: For Research Use only

Handling

Format: Liquid

Reconstitution: It is reconstituted by adding 1 mL sterile distilled water. Delipidated, heat inactivated lyophilized stable whole serum. No preservative added, as it may interfere with the antibody activity. No foreign protein added. Total protein and IgG concentration in the antiserum are comparable to those of pooled rabbit serum. No foreign proteins added. It is reconstituted by adding 1 mL sterile distilled water.

Buffer: Delipidated, heat inactivated lyophilized stable whole serum. No preservative added, as it may interfere with the antibody activity. No foreign protein added. Total protein and IgG concentration in the antiserum are comparable to those of pooled rabbit serum. No foreign

Handling

	proteins added.
Preservative:	Without preservative
Storage:	RT, 4 °C, -20 °C
Storage Comment:	<p>The lyophilized antiserum is shipped at ambient temperature and may be stored at +4°C, prolonged storage at or below -20°C. Working dilutions are prepared by adding sterile phosphate buffered saline (PBS, pH 7.2). Repeated thawing and freezing should be avoided. Working dilutions should be stored at +4°C, not refrozen, and preferably used the same day. If a slight precipitation occurs upon storage, this should be removed by centrifugation. It will not affect the performance of the product</p>