Order online now!

www.rockland.com
tech@rockland.com
+1 484.791.3823

Datasheet for 609-1611

Human (lambda chain) Antibody Biotin Conjugated

Overview

Description:	Goat Anti-Human λ (lambda chain) Antibody Biotin Conjugated - 609-1611
Item No.:	609-1611
Size:	1 mg
Applications:	ELISA
Reactivity:	Human
Host Species:	Goat

Product Details

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. Secondary Antibodies are available in a variety of formats and conjugate types. When choosing a secondary antibody product, consideration must be given to species and immunoglobulin specificity, conjugate type, fragment and chain specificity, level of cross-reactivity, and host-species source and fragment composition. Anti-Human IgG lambda is conjugated to biotin.
Synonyms:	Goat Anti Human λ (lambda chain) Antibody Biotin Conjugated, Goat Anti-Human lambda chain Antibody Biotin Conjugated
Host Species:	Goat
Specificity:	λ (lambda chain)
Conjugate:	Biotin
Clonality:	Polyclonal
Format:	IgG

Target Details

Reactivity:	Human

Immunogen:	Human lambda light chain
Purity/Specificity:	This product was prepared from monospecific antiserum by immunoaffinity chromatography using antigens 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-biotin and anti-Goat Serum. Specificity was confirmed by ELISA minimal against other human heavy or light chain proteins.

Application Details

Tested Applications:	ELISA
Application Note:	Anti-Human λ Biotin Conjugated Antibody has been tested by ELISA and is designed for western blotting or dot blotting, ELISA, and other detection assays.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:100,000
IHC:	1:1,000 - 1:5,000
WB:	1:2,000 - 1:10,000

Formulation

Physical State:	Lyophilized
Concentration:	1.0 mg/mL by UV absorbance at 280 nm
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	0.01% (w/v) Sodium Azide
Stabilizer:	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Reconstitution Volume:	1.0 mL
Reconstitution Buffer:	Restore with deionized water (or equivalent)

Shipping & Handling

Shipping Condition:	Ambient
Storage Condition:	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Expiration: Expiration date is one (1) year from date of receipt.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.