

Datasheet for ABIN704321

anti-Lambda-IgLC antibody (AA 41-106)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	Lambda-IgLC
Binding Specificity:	AA 41-106
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Lambda-IgLC antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Lambda Light Chain
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human, Mouse
Purification:	Purified by Protein A.

Target Details

Target:	Lambda-IgLC
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Target Details

Alternative Name:	Lambda Light Chain (Lambda-IgLC Products)
Background:	<p>Synonyms: Ig lambda chain C regions, Bence Jones protein, BJP, Constant region of lambda light chains, IGLC 1, IGLC 2, IGLC 3, IGLC, IGLC1, IGLC2, IGLC3, Immunoglobulin lambda constant 1, Mcg marker, Paraprotein.</p> <p>Background: All five immunoglobulin classes share the same basic four polypeptide chain structure of two heavy-chains and two light chains. There are five heavy chain types, and two light-chain types (Kappa and Lambda) both having a molecular weight of 22.5 kDa. Any heavy-chain type can associate with either light-chain type, but on any immunoglobulin molecule both light-chains are of the same type. Kappa and Lambda consist of a variable region and a constant region and can easily be differentiated by the antigenic properties of the constant region.</p>

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months



SDS-PAGE

Image 1. L2 rat heart lysates probed with Anti Lambda Light Chain Polyclonal Antibody, Unconjugated (ABIN704321) at 1:200 overnight at 4 °C. Followed by conjugation to secondary antibody at 1:3000 for 90 min at 37 °C. Predicted band 22.5kD. Observed band size:25kD.