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Datasheet for ABIN3031646 anti-LCK antibody (AA 480-509)

5 Images



Overview

Quantity:	0.4 mL
Target:	LCK
Binding Specificity:	AA 480-509
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LCK antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

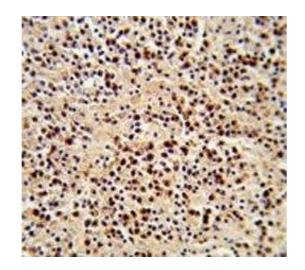
Immunogen:	A portion of amino acids 480-509 from the human protein was used as the immunogen for this
	LCK antibody.
lsotype:	Ig Fraction
Purification:	Purified

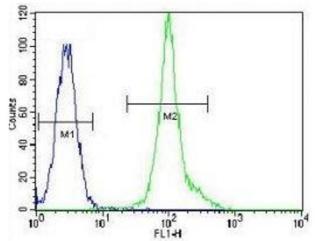
Target Details

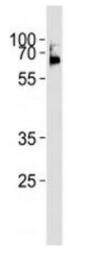
Target:	LCK
Alternative Name:	LCK (LCK Products)
Background:	LCK is a member of the Src family of protein tyrosine kinases (PTKs). This protein is a key signaling molecule in the selection and maturation of developing T-cells. It contains N-terminal
	sites for myristylation and palmitylation, a PTK domain, and SH2 and SH3 domains which are

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	involved in mediating protein-protein interactions with phosphotyrosine-containing and proline- rich motifs, respectively. The protein localizes to the plasma membrane and pericentrosomal vesicles, and binds to cell surface receptors, including CD4 and CD8, and other signaling molecules.
UniProt:	P06239
Pathways:	TCR Signaling, Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin Signaling Pathway, Transition Metal Ion Homeostasis, Positive Regulation of Endopeptidase Activity, CXCR4-mediated Signaling Events, Thromboxane A2 Receptor Signaling
Application Details	
Application Notes:	Titration of the LCK antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:50-1:100,Flow Cytometry: 1:10-1:50
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the LCK antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.







Immunohistochemistry

Image 1. IHC analysis of FFPE human lymphoma stained with LCK antibody

Flow Cytometry

Image 2. LCK antibody flow cytometric analysis of HeLa cells (green) compared to a negative control (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Western Blotting

Image 3. LCK antibody western blot analysis in Ramos lysate. Predicted molecular weight ~58 kDa.

Please check the product details page for more images. Overall 5 images are available for ABIN3031646.

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