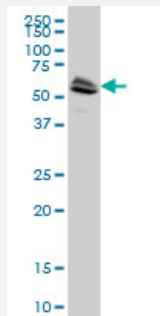


LCK monoclonal antibody (M02), clone 8B10

Catalog # H00003932-M02

Size 100 ug

Applications



Western Blot (Cell lysate)

LCK monoclonal antibody (M02), clone 8B10 Western Blot analysis of LCK expression in Jurkat (Cat # L017V1).

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant LCK.
Immunogen	LCK (AAH13200.1, 1 a.a. ~ 539 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MGCGCSSHPEDDWMENIDVCENCHYPIVPLDGKGTLLIRNGSEVRDPLVTYEGSNPPASPLQDN LVIALHSYEPSHDGDLGFEEKGEQLRILEQSGEWWWKAQSLTTGQEGFIPFNFAKANSLEPEPWFF KNLSRKDAERQLLAPGNTHGSFLIRESESTAGSFSLSVRDFDQNNQGEVVKHYKIRNLDNGGFYISP RITFPLGHELVRYHTNASDGLCTRLSRPCQTQKPQKPPWEDEWEVPRETLKLVERLGAGQFGE VWMGYNGHTKVAVKSLKQGSMSPDFAFLAEANLMKQLQHQLVRLYAVVTQEPYITEYMENDTL LDSQLEEKGLGASPWGNLGQQLLLPTGSLVDFLKTSPGKLTINKLLDMAAQIAEGMAFIEERNYI HRDLRAANILVSDTLSCKIADFGARLIEDNEYTAREGAKFPIKWTAPAEAINYGFTIKSDVWSFGILL TEIVTHGRIPYPGMTNPEVIQNLERGYRMVRPDNCPEELYQLMRLCWKERPEDRPTFDYLRVLE DFFTATEGQYQPQP
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

LCK monoclonal antibody (M02), clone 8B10 Western Blot analysis of LCK expression in Jurkat (Cat # L017V1).

[Protocol Download](#)

- ELISA

Gene Info — LCK

Entrez GeneID[3932](#)**GeneBank Accession#**[BC013200](#)**Protein Accession#**[AAH13200.1](#)**Gene Name**

LCK

Gene Alias

YT16, p56lck, pp58lck

Gene Description

lymphocyte-specific protein tyrosine kinase

Omim ID[153390](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene is a member of the Src family of protein tyrosine kinases (PTKs). The encoded protein is a key signaling molecule in the selection and maturation of developing T-cells. It contains N-terminal sites for myristylation and palmitoylation, a PTK domain, and SH2 and SH3 domains which are 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. Multiple alternatively spliced variants, encoding the same protein, have been described. [provided by RefSeq]

Other Designations

T-lymphocyte specific protein tyrosine kinase p56lck|p56(LSTRA) protein-tyrosine kinase|protein tyrosine kinase|proto-oncogene tyrosine-protein kinase LCK

Pathway

- [Natural killer cell mediated cytotoxicity](#)
- [Primary immunodeficiency](#)
- [T cell receptor signaling pathway](#)

Disease

- [HIV Infections](#)
- [Tobacco Use Disorder](#)