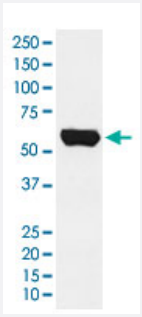
LCK monoclonal antibody, clone ADBE-12

Catalog # MAB22041 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot (cell lysate) analysis of Jurkat cell lysate.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic protein of human LCK.
Immunogen	A synthetic peptide corresponding to human LCK.
Host	Rabbit
Reactivity	Human
Specificity	This antibody reacts with human LCK, in native form and recombinant. Superfamily members of LCK are not reactive to antibody.
Form	Liquid
Purification	Affinity purification
Isotype	IgG

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Recommend Usage	Flow Cytometry (1:20) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-200) Immunofluorescence (1:50-200) Immunocytochemistry (1:50-200) Immunoprecipitation (1:80) Western Blot (1:500-1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunofluorescence
- Immunocytochemistry
- Flow Cytometry
- Immunoprecipitation
- Western Blot (Cell lysate)

  Western Blot (cell lysate) analysis of Jurkat cell lysate.

Gene Info — LCK

Entrez GeneID	3932
Protein Accession#	P06239
Gene Name	LCK
Gene Alias	YT16, p56lck, pp58lck
Gene Description	lymphocyte-specific protein tyrosine kinase

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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 i s a key signaling molecule in the selection and maturation of developing T-cells. It contains N-term inal sites for myristylation and palmitylation, 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. Multi ple 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 t yrosine 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

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