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LCK Rabbit mAb

Catalog No.: A23988

Recombinant | 3 Publications

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Basic Information

Observed MW
58 kDa

Calculated MW
58 kDa

Category
Monoclonal Antibodies

Applications
WB, ELISA

Cross Reactivity
Human, Mouse

Clone No.
ARC61836

Background

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 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. Multiple alternatively spliced variants encoding different isoforms have been described.

Recommended Dilutions

WB	1:1000 - 1:4000

ELISA

Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
3932

Swiss-Prot
P06239

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
LSK; YT16; IMD22; p56lck; pp58lck; LCK

Contact

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Product Information

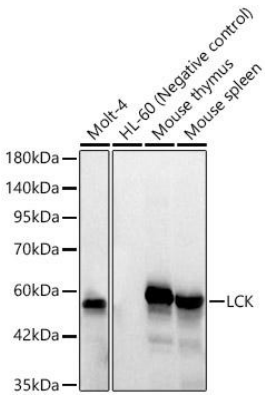
Source
Rabbit

Isotype
IgG

Purity
Affinity purification

Storage
Store at -20℃

Validation Data



Western blot analysis of various lysates, using LCK (A23988) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 20s.

For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.