

Lck Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2990
Host	Mouse
Isotype	Mouse IgG2a
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human Lck expressed in E. Coli.
Mol wt	56kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB
Concentration	N/A
Full name	N/A
Synonyms	YT16;p56lck;pp58lck

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Lck (lymphocyte-specific protein tyrosine kinase), with 509-amino acid protein (about 56kDa), belongs to the Src non-receptor tyrosine kinases family. By virtue of common structural motifs, the Src family is composed of nine members in vertebrates, including Src, Yes, Fgr, Frk, Fyn, Lyn, Hck, Lck and Blk. Lck is expressed predominantly in T cells and is localized to the inner surface of the plasma membrane. Lck is activated after T cell stimulation and is required for T-cell proliferation and IL-2 production. Aberrant expression or activation of Lck kinase has been reported in both lymphoid and nonlymphoid malignancies. In addition, inhibition of Lck has been a target to prevent lymphocyte activation and acute rejection.

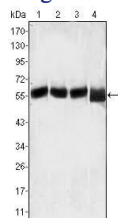
Recommended Dilution

WB: 1:500 - 1:2000

ELISA: 1:10000

Not yet tested in other applications.

Images



Western blot analysis using LCK mouse mAb against MOLT-4 (1), CCRF-CEM (2), CCRF-HSB-2 (3) and Jurkat (4) cell lysate.

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.