Mouse anti-Lck-interacting molecule, clone LIME-10 (Monoclonal)

Clone no. LIME-10

MONOSAN

Product name	Mouse anti-Lck-interacting molecule, clone LIME-10 (Monoclonal)
Host	Mouse
Applications	WB, IHC-P
Species reactivity	Human
Conjugate	-
Immunogen	COOH-terminal peptide comprising residues 281-296 of the human LIME conjugated to keyhole limpet hemocyanin.
Isotype	IgG2a
Clonality	Monoclonal
Clone number	LIME-10
Size	0.1 mg
Concentration	1 mg/ml
Format	-
Storage buffer	Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

LIME (Lck-interacting molecule) is a 30 kDa double-palmitoylated protein with unusually basic cytoplasmic domain, expressed by T cells. After ligation of CD4 or CD8 T cell coreceptors, LIME is phosphorylated by Src-family kinases and associates with Lck and Fyn kinases and with their negative regulator Csk. Interestingly, Csk-mediated phosphorylation of C-terminal negative-regulatory tyrosine of LIME-associated Lck can result in increase of enzymatic activity compared with the total pool of Lck, thus, LIME serves as a positive regulator of TCR-dependent T cell signaling. However, under some circumstances, LIME may mediate inhibitory signals.

References

1. -
2 -
3. -
4. -
5. -