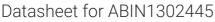
antibodies - online.com







anti-LIME antibody (AA 86-202)





Overview

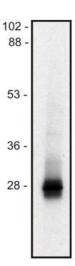
Quantity:	0.1 mg
Target:	LIME (LIME1)
Binding Specificity:	AA 86-202
Reactivity:	Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This LIME antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant protein corresponding to amino acids 86-202 of mouse LIME
Clone:	MLIME-05
Isotype:	lgG2a
Specificity:	Mouse monoclonal antibody mLIME-05 reacts with the cytoplasmic domain of LIME, a 30 kDa Lck-interacting transmembrane adaptor expressed mainly by T cells.
Cross-Reactivity (Details):	Mouse, Other not tested
Purification:	Purified by protein-A affinity chromatography.
Purity:	> 95 % (by SDS-PAGE)

Target Details

rarget Details	
Target:	LIME (LIME1)
Alternative Name:	LIME (LIME1 Products)
Background:	Lck interacting transmembrane adaptor 1,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.,Lita1
Gene ID:	72699
UniProt:	Q9EQR5
Application Details	
Application Notes:	Immunoprecipitation: Positive control: murine splenic T cells.
	Western blotting: Reducing conditions, recommended dilution: 1-5 μg/mL.
Restrictions:	For Research Use only
Handling	
Concentration:	1 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Handling Advice:	Do not freeze.
Storage:	4 °C
Storage Comment:	Store at 2-8°C. Do not freeze.



Western Blotting

Image 1. Western blot of mouse thymocyte lysate (1% SDS); non-reduced