

LIME1 monoclonal antibody, clone LIME-06 (PE)

Catalog # MAB5075

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant LIME1.
Immunogen	Recombinant protein corresponding to amino acids 141-295 of human LIME1.
Host	Mouse
Theoretical MW (kDa)	31
Reactivity	Human
Specificity	This antibody was raised against intracellular fragment corresponding to aa 141-295 of human LIME, a 31 KDa Lck-interacting transmembrane adaptor expressed by T cells.
Form	Liquid
Conjugation	PE
Concentration	0.1 mg/mL
Isotype	IgG1
Recommend Usage	Flow Cytometry (5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.2% BSA, 0.09% sodium azide)
Storage Instruction	Store in the dark at 4°C. Do not freeze. Avoid prolonged exposure to light. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Flow Cytometry

Gene Info — LIME1

Entrez GeneID	54923
Gene Name	LIME1
Gene Alias	FLJ20406, LIME, LP8067, dJ583P15.4
Gene Description	Lck interacting transmembrane adaptor 1
Omim ID	609809
Gene Ontology	Hyperlink
Gene Summary	LIME1 is a raft-associated transmembrane adaptor phosphoprotein that is preferentially expressed in hemopoietic cells, particularly T cells (Brdickova et al., 2003 [PubMed 14610046]; Hur et al., 2003 [PubMed 14610044]).[supplied by OMIM]
Other Designations	OTTHUMP00000031598

Publication Reference

- [Transmembrane adaptor molecules: a new category of lymphoid-cell markers.](#)

Tedoldi S, Paterson JC, Hansmann ML, Natkunam Y, Rudiger T, Angelisova P, Du MQ, Robertson H, Roncador G, Sanchez L, Pozzobon M, Masir N, Barry R, Pileri S, Mason DY, Marafioti T, Horejsi V.

Blood 2005 Sep; 107(1):213.

- [Right time, right place: the organization of membrane proximal signaling.](#)

Simeoni L, Smida M, Posevitz V, Schraven B, Lindquist JA.

Seminars in Immunology 2005 Feb; 17(1):35.

- [LIME: a new membrane Raft-associated adaptor protein involved in CD4 and CD8 coreceptor signaling.](#)

Brdickova N, Brdicka T, Angelisova P, Horvath O, Spicka J, Hilgert I, Paces J, Simeoni L, Kliche S, Merten C, Schraven B, Horejsi V.

The Journal of Experimental Medicine 2003 Nov; 198(10):1453.

Application: IF, IP, WB, Human, HEK 293T cells, J77 cells, Peripheral blood B cells, T cells, Monocytes