9F, No. 108, Jhouzih St.,Taipei, Taiwan
Tel: + 886-2-8751-1888 Fax: + 886-2-6602-1218
E-mail: sales@abnova.com

Datasheet

LIME1 monoclonal antibody, clone LIME-06 (PE)

Catalog Number: MAB5075

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against partial recombinant LIME1.

Clone Name: LIME-06

Immunogen: Recombinant protein corresponding to amino acids 141-295 of human LIME1.

Host: Mouse

Theoretical MW (kDa): 31

Reactivity: Human

Applications: Flow Cyt
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

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.

Entrez GeneID: 54923

Gene Symbol: LIME1

Gene Alias: FLJ20406, LIME, LP8067, dJ583P15.4

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]

References:

1. Transmembrane adaptor molecules: a new category of lymphoid-cell markers. Tedoldi S, Paterson JC, Hansmann ML, Natkunam Y, Rudiger T, Angelisova P, Du MQ, Roberton H, Roncador G, Sanchez L, Pozzobon M, Masir N, Barry R, Pileri S, Mason DY, Marafioti T, Horejsi V. Blood. 2006 Jan 1;107(1):213-21. Epub 2005 Sep 13.
2. Right time, right place: the organization of membrane proximal signaling. Simeoni L, Smida M, Posevitz V, Schraven B, Lindquist JA. Semin Immunol. 2005 Feb;17(1):35-49.
3. 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. J Exp Med. 2003 Nov 17;198(10):1453-62. Epub 2003 Nov 10.