

Product datasheet

Anti-LIME antibody [LIME-06] (Phycoerythrin) ab64678

概述

产品名称	Anti-LIME抗体[LIME-06] (Phycoerythrin)
描述	小鼠单克隆抗体[LIME-06] to LIME (Phycoerythrin)
宿主	Mouse
偶联物	Phycoerythrin. Ex: 488nm, Em: 575nm
经测试应用	适用于: Flow Cyt
种属反应性	与反应: Human
免疫原	Recombinant fragment corresponding to aa 141-295 of human LIME. Run BLAST with ExPASy Run BLAST with NCBI
阳性对照	Peripheral blood T cells stimulated with anti-human CD4.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C.
存储溶液	Preservative: 15mM Sodium Azide Constituents: 0.2% BSA, PBS
纯度	Size exclusion
纯化说明	Purified antibody (>95% by SDS-PAGE) was conjugated with R-Phycoerythrin (PE) under optimum conditions. The conjugate was purified by size-exclusion chromatography.
克隆	单克隆
克隆编号	LIME-06
同种型	IgG1

应用

Our [Abpromise guarantee](#) covers the use of **ab64678** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
Flow Cyt		Use a concentration of 5 µg/ml.

靶标

相关性	LIME (Lck-interacting molecule) is a new raft-associated adaptor protein involved in regulation of T cell activation by coreceptors. LIME becomes tyrosine phosphorylated after cross-linking of the CD4 or CD8 coreceptors. Phospho-LIME associates with the Src family kinase Lck and its negative regulator, Csk. Ectopic expression of LIME in Jurkat T cells results in an increase of Csk in lipid rafts, increased phosphorylation of Lck and higher Ca ²⁺ response to CD3 stimulation.
细胞定位	Cell membrane; Single-pass type III membrane protein. Present in lipid rafts. Recruited to the immunological synapse upon conjugation of T cell with antigen presenting cell

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