

LIME1 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP14247b**Specification**

LIME1 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [Q9H400](#)

LIME1 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 54923

Other Names

Lck-interacting transmembrane adapter 1, Lck-interacting membrane protein, Lck-interacting molecule, LIME1, LIME

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

LIME1 Antibody (C-term) Blocking Peptide - Protein Information

Name LIME1

Synonyms LIME

Function

Involved in BCR (B-cell antigen receptor)-mediated signaling in B-cells and TCR (T-cell antigen receptor)-mediated T-cell signaling in T-cells. In absence of TCR signaling, may be involved in CD4-mediated inhibition of T-cell activation. Couples activation of these receptors and their associated kinases with distal intracellular events such as calcium mobilization or MAPK activation through the recruitment of PLCG2, GRB2, GRAP2, and other signaling molecules.

Cellular Location

Cell membrane; Single-pass type III membrane protein Note=Present in lipid rafts. Recruited to the immunological synapse upon conjugation of T-cell with antigen-presenting cell

Tissue Location

Expressed in peripheral blood lymphocytes, lymphoid tissues, and liver. Present in T-cells and plasma cells, and in various hematopoietic cell lines (at protein level)

LIME1 Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

LIME1 Antibody (C-term) Blocking Peptide - Images

LIME1 Antibody (C-term) Blocking Peptide - Background

LIME1 is a raft-associated transmembrane adaptor phosphoprotein that is preferentially expressed in hemopoietic cells, particularly T cells (Brdickova et al., 2003 [PubMed14610046]; Hur et al., 2003 [PubMed 14610044]).

LIME1 Antibody (C-term) Blocking Peptide - References

Ahn, E., et al. Blood 107(4):1521-1527(2006) Tedoldi, S., et al. Blood 107(1):213-221(2006) Wan, D., et al. Proc. Natl. Acad. Sci. U.S.A. 101(44):15724-15729(2004) Brdickova, N., et al. J. Exp. Med. 198(10):1453-1462(2003) Hur, E.M., et al. J. Exp. Med. 198(10):1463-1473(2003)