

Mouse Stk10 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP14636b**Specification**

Mouse Stk10 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [O55098](#)**Mouse Stk10 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 20868**Other Names**

Serine/threonine-protein kinase 10, Lymphocyte-oriented kinase, Stk10, Lok

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.

Mouse Stk10 Antibody (C-term) Blocking Peptide - Protein Information**Name** Stk10**Synonyms** Lok**Function**

Serine/threonine-protein kinase involved in regulation of lymphocyte migration. Phosphorylates MSN, and possibly PLK1. Involved in regulation of lymphocyte migration by mediating phosphorylation of ERM proteins such as MSN. Acts as a negative regulator of MAP3K1/MEKK1. May also act as a cell cycle regulator by acting as a polo kinase kinase: mediates phosphorylation of PLK1 in vitro; however such data require additional evidences in vivo.

Cellular Location

Cell membrane; Peripheral membrane protein

Tissue Location

Expressed predominantly in lymphoid organs such as spleen, thymus, and bone marrow

Mouse Stk10 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

Mouse Stk10 Antibody (C-term) Blocking Peptide - Images

Mouse Stk10 Antibody (C-term) Blocking Peptide - Background

Stk10 can act on substrates such as myelin basic protein and histone 2A on serine and threonine residues.