

**Mouse Matk Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP14271b****Specification****Mouse Matk Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [P41242](#)**Mouse Matk Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 17179**Other Names**

Megakaryocyte-associated tyrosine-protein kinase, Protein kinase NTK, Tyrosine-protein kinase CTK, Matk, Ctk, Ntk

**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 Matk Antibody (C-term) Blocking Peptide - Protein Information****Name** Matk**Synonyms** Ctk, Ntk**Function**

Could play a significant role in the signal transduction of hematopoietic cells. May regulate tyrosine kinase activity of SRC-family members in brain by specifically phosphorylating their C-terminal regulatory tyrosine residue which acts as a negative regulatory site. It may play an inhibitory

**Mouse Matk Antibody (C-term) Blocking Peptide - Background**

Could play a significant role in the signal transduction of hematopoietic cells. May regulate tyrosine kinase activity of SRC-family members in brain by specifically phosphorylating their C-terminal regulatory tyrosine residue which acts as a negative regulatory site. It may play an inhibitory role in the control of T-cell proliferation.

**Mouse Matk Antibody (C-term) Blocking Peptide - References**

Lee, B.C., et al. Blood 108(3):904-907(2006) Robinson, D.R., et al. Oncogene 19(49):5548-5557(2000) Puttagunta, R., et al. Genome Res. 10(9):1369-1380(2000) Samokhvalov, I., et al. Biochem. Mol. Biol. Int. 43(1):115-122(1997) Kozak, C.A., et al. Mamm. Genome 7(2):164-165(1996)

role in the control of T- cell proliferation.

**Cellular Location**

Cytoplasm. Membrane. Note=In platelets, 90% of MATK localizes to the membrane fraction, and translocates to the cytoskeleton upon thrombin stimulation.

**Tissue Location**

Most abundant in brain, and to a lesser extent in the spleen, the thymus and the liver. Also found in the T-cell lineage

**Mouse Matk Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)