

**Mouse Frk Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP14842b****Specification**

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**Mouse Frk Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [Q922K9](#)**Mouse Frk Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 14302**Other Names**

Tyrosine-protein kinase FRK, Beta-cell Src-homology tyrosine kinase, BSK, FYN-related kinase, Intestine tyrosine kinase, Frk, Bsk, Iyk

**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 Frk Antibody (C-term) Blocking Peptide - Protein Information****Name** Frk**Synonyms** Bsk, Iyk**Function**

Non-receptor tyrosine-protein kinase that negatively regulates cell proliferation. Positively regulates PTEN protein stability through phosphorylation of PTEN on 'Tyr-336', which in turn prevents its ubiquitination and degradation, possibly by reducing its binding to NEDD4. May function as a tumor suppressor (By similarity).

**Cellular Location**

Cytoplasm. Nucleus. Note=Predominantly found in the nucleus, with a small fraction found in the cell periphery.

**Tissue Location**

Expressed in intestinal tract, fetal and adult islets of Langerhans, kidney, liver and lung

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

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

- [Blocking Peptides](#)

#### **Mouse Frk Antibody (C-term) Blocking Peptide - Images**

#### **Mouse Frk Antibody (C-term) Blocking Peptide - Background**

Positively regulates PTEN protein stability through phosphorylation of PTEN on 'Tyr-336', which in turn prevents its ubiquitination and degradation possibly by reducing its binding to NEDD4. May function as a tumor suppressor (By similarity).

#### **Mouse Frk Antibody (C-term) Blocking Peptide - References**

Akerblom, B., et al. Mol. Cell. Endocrinol. 270 (1-2), 73-78 (2007) :Nishimura, M., et al. DNA Res. 11(5):315-323(2004)Sharov, A.A., et al. PLoS Biol. 1 (3), E74 (2003) :Cowen, M.S., et al. Alcohol. Clin. Exp. Res. 27(8):1213-1219(2003)Serfas, M.S., et al. Oncol. Res. 13 (6-10), 409-419 (2003) :