

**Mouse Frk Antibody (C-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP21129a****Specification**

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**Mouse Frk Antibody (C-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O922K9</a>
Other Accession	<a href="#">Q62662</a>
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	58844

**Mouse Frk Antibody (C-term) - 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

**Target/Specificity**

This Mouse Frk antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 476-509 amino acids from the C-terminal region of mouse Frk.

**Dilution**

WB~~1:1000

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

Mouse Frk Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**Mouse Frk Antibody (C-term) - 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

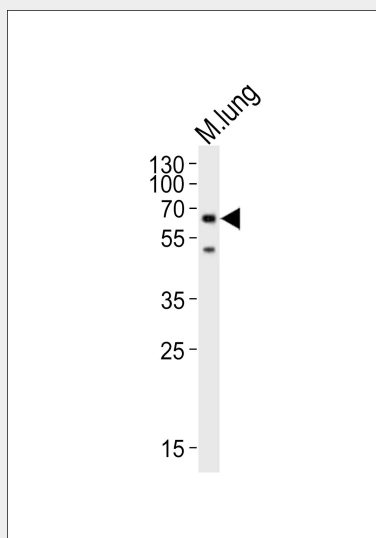
Expressed in intestinal tract, fetal and adult islets of Langerhans, kidney, liver and lung

### Mouse Frk Antibody (C-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Mouse Frk Antibody (C-term) - Images



Western blot analysis of lysate from mouse lung tissue lysate, using Frk Antibody (C-term)(Cat. #AP21129a). AP21129a was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.

### Mouse Frk Antibody (C-term) - Background

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).

**Mouse Frk Antibody (C-term) - References**

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Carninci P.,et al.Science 309:1559-1563(2005).  
Chandrasekharan S.,et al.Mol. Cell. Biol. 22:5235-5247(2002).  
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