

**Mouse Insrr Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP14784b****Specification**

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**Mouse Insrr Antibody (C-term) Blocking Peptide - Product Information**

Primary Accession [Q9WTL4](#)

**Mouse Insrr Antibody (C-term) Blocking Peptide - Additional Information**

**Gene ID** 23920

**Other Names**

Insulin receptor-related protein, IRR, IR-related receptor, Insulin receptor-related protein alpha chain, Insulin receptor-related protein beta chain, Insrr, Irr

**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 Insrr Antibody (C-term) Blocking Peptide - Protein Information**

**Name** Insrr

**Synonyms** Irr

**Function**

Receptor with tyrosine-protein kinase activity. Functions as a pH sensing receptor which is activated by increased extracellular pH. Activates an intracellular signaling pathway that involves IRS1 and AKT1/PKB.

**Cellular Location**

Membrane; Single-pass type I membrane protein

**Tissue Location**

Highly expressed in the islets as well as in pancreatic beta-cells.

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

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

- [Blocking Peptides](#)

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

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

This receptor probably binds an insulin related protein and has a tyrosine-protein kinase activity. It phosphorylates the insulin receptor substrates IRS-1 and IRS-2.

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

Hanke, S., et al. Mol. Cell Proteomics 8(3):519-534(2009)Hoffman, B.G., et al. Genome Biol. 9 (6), R99 (2008) :Nef, S., et al. Nature 426(6964):291-295(2003)Kitamura, T., et al. Mol. Cell. Biol. 21(16):5624-5630(2001)Tsuji, T., et al. Exp. Anim. 50(4):359-360(2001)