

Phospho-IRS1(Y989) Antibody Blocking peptide
Synthetic peptide
Catalog # BP3704a

Specification

Phospho-IRS1(Y989) Antibody Blocking peptide - Product Information

Primary Accession [P35568](#)

Phospho-IRS1(Y989) Antibody Blocking peptide - Additional Information

Gene ID 3667

Other Names

Insulin receptor substrate 1, IRS-1, IRS1

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.

Phospho-IRS1(Y989) Antibody Blocking peptide - Protein Information

Name IRS1

Function

May mediate the control of various cellular processes by insulin. When phosphorylated by the insulin receptor binds specifically to various cellular proteins containing SH2 domains such as phosphatidylinositol 3-kinase p85 subunit or GRB2. Activates phosphatidylinositol 3-kinase when bound to the regulatory p85 subunit (By similarity).

Phospho-IRS1(Y989) Antibody Blocking peptide - Protocols

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

- [Blocking Peptides](#)

Phospho-IRS1(Y989) Antibody Blocking peptide - Images

Phospho-IRS1(Y989) Antibody Blocking peptide - Background

IRS1 may mediate the control of various cellular processes by insulin. When phosphorylated by the insulin receptor it binds specifically to various cellular proteins containing SH2 domains such as

phosphatidylinositol 3-kinase p85 subunit or GRB2. It activates phosphatidylinositol 3-kinase when bound to the regulatory p85 subunit.

Phospho-IRS1(Y989) Antibody Blocking peptide - References

Kawakami,A., Circulation 118 (7), 731-742 (2008)Yi,Z., Anal. Chem. 77 (17), 5693-5699 (2005)