

IRS-1 Blocking Peptide
Catalog # PBV10181b**Specification**

IRS-1 Blocking Peptide - Product Information

Primary Accession	P35568
Gene ID	3667
Calculated MW	131591

IRS-1 Blocking Peptide - Additional Information**Gene ID** 3667**Application & Usage**

The peptide is used for blocking the antibody activity of IRS-1. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30-60 minutes at 37°C.

Other Names

Insulin receptor substrate 1, IRS-1, IRS1

Target/Specificity

IRS-1

Formulation

50 µg (0.5 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 1% BSA and 0.02% thimerosal.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

IRS-1 Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

IRS-1 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).

IRS-1 Blocking Peptide - 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](#)

IRS-1 Blocking Peptide - Images