

Anti-IRS1 antibody (1100-1200) [S1MR] (STJ11101611)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/ELISA
Host / Source	Rabbit
Reactivity	Human

PRODUCT PROPERTIES

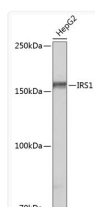
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 ELISA: Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 132kDa Observed Mw: 170kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

Gene ID	3667
Gene Symbol	IRS1
UniProt ID	IRS1_HUMAN
Immunogen Region	1100-1200
Immunogen Sequence	SSETFSSTPSATRVGNTVPF GAGAAVGGGGSSSSSEDEVK RHSSASFENVWLRPGELGGA PKEPAKLCGAAGGLENLNY IDLDLVKDFKQCPQECTPEP Q
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1100-1200 of human IRS1 (P35568).

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of extracts of HepG2 cells, using IRS1 antibody (STJ11101611) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3min.