

LSR Monoclonal antibody

Catalog Number: 67508-1-Ig

Basic Information

Catalog Number:

67508-1-Ig

Size:

780 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG13205

GenBank Accession Number:

BC004381

GeneID (NCBI):

51599

UNIPROT ID:

Q86X29

Full Name:

lipolysis stimulated lipoprotein receptor

Calculated MW:

71 kDa

Observed MW:

68 kDa

Purification Method:

Protein G purification

CloneNo.:

1G9B7

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human

Positive Controls:

WB : LNCaP cells, MCF-7 cells

Background Information

LSR (lipolysis stimulated lipoprotein receptor) is a lipoprotein receptor primarily expressed in the liver and activated by free fatty acids (PMID: 10224102). This remnant receptor binds both apoB- and apoE-containing lipoproteins and displays greatest affinity for TG-rich lipoproteins. Distribution of LSR causes embryonic lethality in mice, indicating that the expression of LSR is critical for liver and embryonic development (PMID: 15265030). Investigations show that LSR is a multimer consisting of α subunit (68 kDa) and β subunit (56 kDa) associated through disulfide bridges (PMID: 10224102; 19188430; 18644789).

Storage

Storage:

Store at -20°C.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

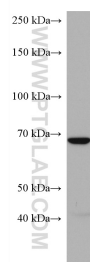
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Selected Validation Data



LNCaP cells were subjected to SDS PAGE followed by western blot with 67508-1-Ig (LSR antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.