

Product Name: ACS1 Mouse Monoclonal Antibody**Catalog #: AMM82261**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ELISA
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:5000-1:20000
Molecular Weight	74.8kDa

Antigen Information

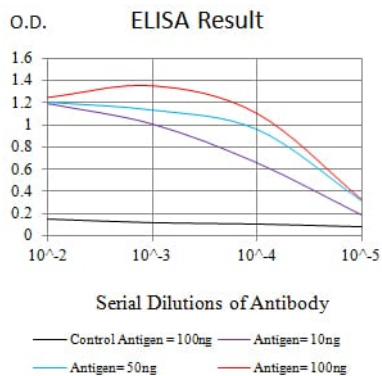
Gene Name	ACS1
Alternative Names	ACAS2L; ACECS1; AceCS2L
Gene ID	84532.0
SwissProt ID	Q9NUB1
Immunogen	Purified recombinant fragment of human ACS1 (AA: 548-689) expressed in E. Coli.

Background

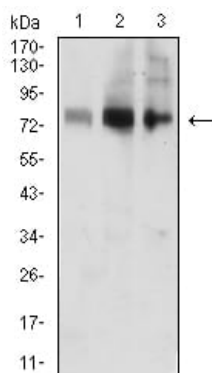
This gene encodes a mitochondrial acetyl-CoA synthetase enzyme. A similar protein in mice plays an important role in the tricarboxylic acid cycle by catalyzing the conversion of acetate to acetyl CoA. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Nov 2011]

Research Area

Image Data



Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



Western blot analysis using ACSS1 mouse mAb against MOLT4 (1), Jurkat (2), and HL-60 (3) cell lysate.