

Datasheet for ABIN7193394
anti-ACSS1 antibody (AA 548-689)



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5 Images

Overview

Quantity:	100 µL
Target:	ACSS1
Binding Specificity:	AA 548-689
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ACSS1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Purpose:	ACSS1 Antibody
Immunogen:	Purified recombinant fragment of human ACSS1 (AA: 548-689) expressed in E. Coli.
Clone:	3A7C1
Isotype:	IgG1
Purification:	Purified antibody

Target Details

Target:	ACSS1
Alternative Name:	ACSS1 (ACSS1 Products)
Background:	Description:

Target Details

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]

Aliases: ACAS2L, ACECS1, AceCS2L

Molecular Weight: 74.8kDa

Gene ID: 84532

UniProt: [Q9NUB1](#)

Application Details

Application Notes: ELISA: 1/10000
FCM: 1/200 - 1/400

Restrictions: For Research Use only

Handling

Format: Liquid

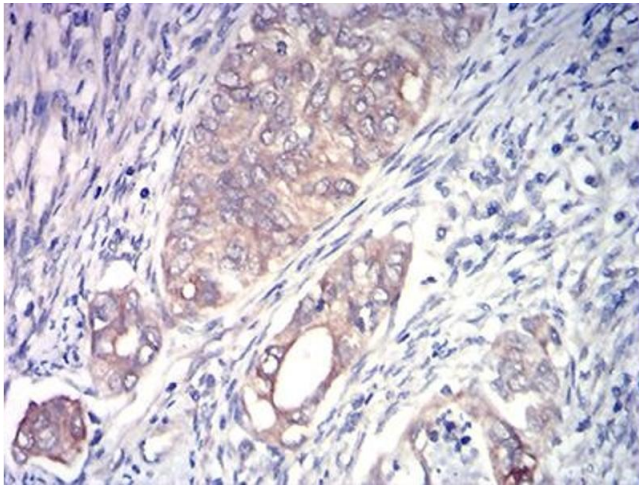
Buffer: Purified antibody in PBS with 0.05 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

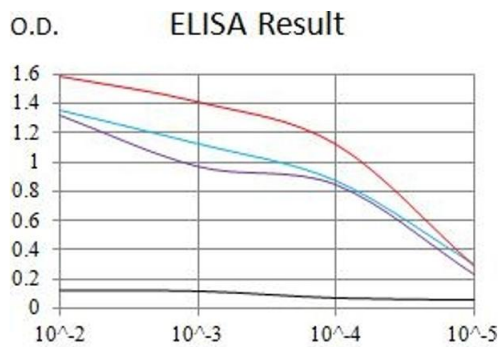
Storage: 4 °C,-20 °C

Storage Comment: Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.



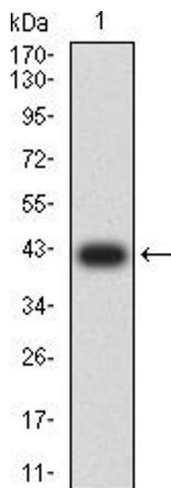
Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded cervical cancer tissues using ACSS1 mouse mAb with DAB staining.



Serial Dilutions of Antibody

— Control Antigen = 100ng — Antigen = 10ng
 — Antigen = 50ng — Antigen = 100ng



ELISA

Image 2. Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)

Western Blotting

Image 3. Western blot analysis using ACSS1 mAb against human ACSS1 (AA: 548-689) recombinant protein. (Expected MW is 41.4 kDa)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7193394.