

ACSS1 Monoclonal Antibody

Description

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|--------------------------------|--|
| Product type | Antibody |
| Code | BT-MCA2156 |
| Host | Mouse |
| Isotype | Mouse IgG1 |
| Size | 100µL, 50µL |
| Immunogen | Purified recombinant fragment of human ACSS1 (AA: 548-689) expressed in E. Coli. |
| Mol wt | 74.8kDa |
| Species reactivity | Human |
| Clonality | Monoclonal |
| Recommended application | IHC,FCM |
| Concentration | N/A |
| Full name | N/A |
| Synonyms | ACAS2L;ACECS1;AceCS2L |

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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]

Recommended Dilution

WB: 1:500 - 1:2000

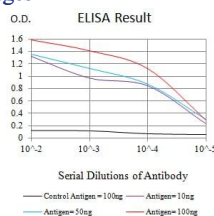
IHC-p: 1:200 - 1:1000

FCM: 1:200 - 1:400

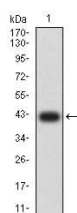
ELISA: 1:10000

Not yet tested in other applications.

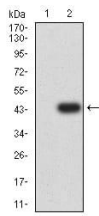
Images



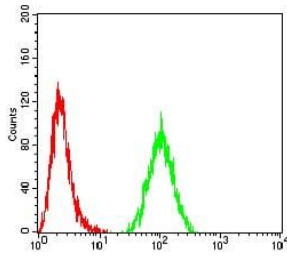
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



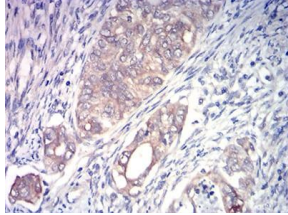
Western blot analysis using ACSS1 mAb against human ACSS1 (AA: 548-689) recombinant protein. (Expected MW is 41.4 kDa)



Western blot analysis using ACSS1 mAb against HEK2993 (1) and ACSS1 (AA: 548-689)-hlgGFc transfected HEK2993 (2) cell lysate.



Flow cytometric analysis of HeLa cells using ACSS1 mouse mAb (green) and negative control (red).



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

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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