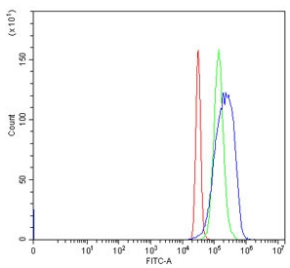
ACSM3 Antibody / Acyl-CoA synthetase medium-chain 3 (RQ7476)

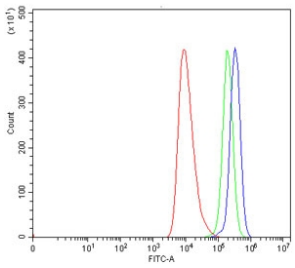
Catalog No.	Formulation	Size
RQ7476	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

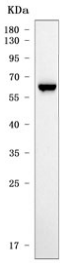
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q53FZ2
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This ACSM3 antibody is available for research use only.



Flow cytometry testing of human HepG2 cells with ACSM3 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= ACSM3 antibody.



Flow cytometry testing of human HEL cells with ACSM3 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= ACSM3 antibody.



Western blot testing of human HEL cell lysate with ACSM3 antibody. Predicted molecular weight ~66 kDa.

Description

Acyl-coenzyme A synthetase ACSM3, mitochondrial is an enzyme that in humans is encoded by the ACSM3 gene. Enables butyrate-CoA ligase activity. Predicted to be involved in acyl-CoA metabolic process and fatty acid biosynthetic process. Located in mitochondrion. Implicated in IgA glomerulonephritis. Biomarker of ulcerative colitis.

Application Notes

Optimal dilution of the ACSM3 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids D182-D468) was used as the immunogen for the ACSM3 antibody.

Storage

After reconstitution, the ACSM3 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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