

#M25062

ACOD Mouse mAb



Orders ■ 400-6123-828

orders@ab-mart.com

Web ■ www.ab-mart.com.cn

- 50 µl
- 100 µl
- 200 µl

DESCRIPTION

This gene encodes an enzyme involved in fatty acid biosynthesis, primarily the synthesis of oleic acid. The protein belongs to the fatty acid desaturase family and is an integral membrane protein located in the endoplasmic reticulum. Transcripts of approximately 3.9 and 5.2 kb, differing only by alternative polyadenylation signals, have been detected. A gene encoding a similar enzyme is located on chromosome 4 and a pseudogene of this gene is located on chromosome 17.

SOURCE

This Abmart monoclonal antibody is produced by immunizing mice with a polypeptide (Abmart SEAL mAb technology) corresponding to ACOD protein.

STORAGE

Store at -20°C, stable for one year from the date of shipment.

ALIASES

FADS5, SCDOS

REACTIVITY

Homo sapiens

ISOTYPE

Mouse IgG

PREDICTED MOLECULAR WEIGHT

41 KDa

RECOMMEND ANTIBODY DILUTIONS

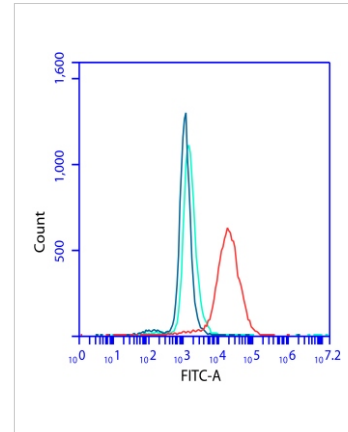
Western blotting	1:1000-1:5000
Immunoprecipitation	10 tests
FACS	1:100-1:200

***For Western blots, incubate membrane with diluted antibody in 5% w/v nonfat dry milk, 1X TBS, 0.05% Tween-20 at 4°C with gentle shaking overnight.**

PRODUCT ADVANTAGE

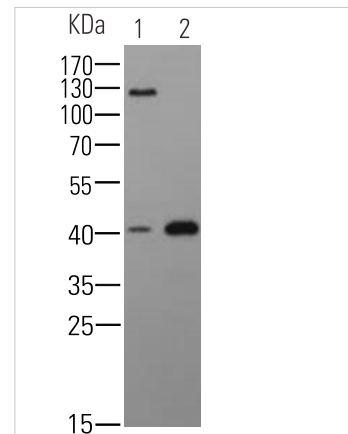
Mass spectrum approved

APPLICATION DATA



Flow Cytometry—Anti-ACOD Antibody (M25062)

Flow cytometric analysis of 2% paraformaldehyde-fixed Jurkat (Human T cell leukemia cells from peripheral blood) cells labeling ACOD with M25062 at 1/200 dilution (red) compared with a mouse monoclonal IgG isotype control (blue) and an unlabelled control (cells without incubation with primary antibody, green). Goat anti-mouse IgG (FITC) at 1/300 dilution was used as the secondary antibody.



WB—Anti-ACOD Antibody (M25062)

ACOD was immunoprecipitated from 1mg of Jurkat cells membrane fraction, blotted with M25062 of 10µg. Western blot was performed from the immunoprecipitate using M25062 at 1/1000 dilution. Anti-Mouse-IgG(HRP), specific to the non-reduced form of IgG, was used as secondary antibody at 1/10000 dilution. Lane 1: Jurkat cells membrane fraction. Lane 2: IP product of Jurkat cells membrane fraction.

Predicted band size : 41 KDa
Observed band size : 41 KDa

COMPANION PRODUCTS

M25001	AIFM1 Mouse mAb
M25002	Ch60 Mouse mAb
M25003	VIME(337) Mouse mAb
M25004	IDHP Mouse mAb
M25005	TBA1B Mouse mAb

Blocking and dilution buffer and concentration: 5% milk/TBST.

Applications Key: WB—Western blot, IP—Immunoprecipitation, IHC—Immunohistochemistry, ChIP—Chromatin Immunoprecipitation, IF—Immunofluorescence

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For *in vitro* research use only and not intended for use in humans or animals.