

Mouse ACLY Monoclonal Antibody | anti-ACLY antibody

Anti-ACLY Antibody

CATALOG # AAA265762	HOST Mouse	REACTIVITY Human, Mouse, Monkey	APPLICATIONS Flow Cytometry, Functional Assay, Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

ACLY; Monoclonal Antibody; Anti-ACLY Antibody; anti-ACLY antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Monkey
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of ACLY protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH7.3.
Applicable Applications for anti-ACLY antibody	FCM/FACS (Flow Cytometry), IC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Purified recombinant human ATP-Citrate Lyase protein fragments expressed in E coli.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



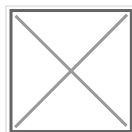
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of ACLY in HeLa cells (red). Blue line histogram represents the isotype control.



IF (Immunofluorescence)

Immunofluorescent analysis of ACLY staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark.



WB (Western Blot)

Western blot analysis of ACLY expression in NIH3T3 (A), K562 (B), COS7 (C), HeLa (D) whole cell lysates. (Predicted band size: 121 kD; Observed band size: 121 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-ACLY antibody	Mouse monoclonal antibody to ACLY
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NCBI AND UNIPROT INFORMATION

NCBI GI #	38569421
NCBI GeneID	47
NCBI Accession #	NP_001087.2
NCBI GenBank Nucleotide #	NM_001096.2
UniProt Accession #	P53396 ; Q91V92
Molecular Weight	120,839 Da
NCBI Official Full Name	ATP-citrate synthase isoform 1
NCBI Official Synonym Full Names	ATP citrate lyase
NCBI Official Symbol	ACLY
NCBI Official Synonym Symbols	ACL; ATPCL; CLATP
NCBI Protein Information	ATP-citrate synthase; ATP citrate synthase; citrate cleavage enzyme; ATP-citrate (pro-S-)-lyase
UniProt Protein Name	ATP-citrate synthase
UniProt Gene Name	ACLY
UniProt Synonym Gene Names	ACL
UniProt Entry Name	ACLY_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/acly-antibody-flow-cytometry-immunochemistry-immunofluorescence-western-blot-elisa/265762>