

Mouse ATP-Citrate Lyase Monoclonal Antibody | anti-ATP antibody

ATP-Citrate Lyase(C-term) Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA300746	Mouse	Human, Mouse, Rat, Porcine	Flow Cytometry, Functional Assay, Immunocytochemistry, Western Blot

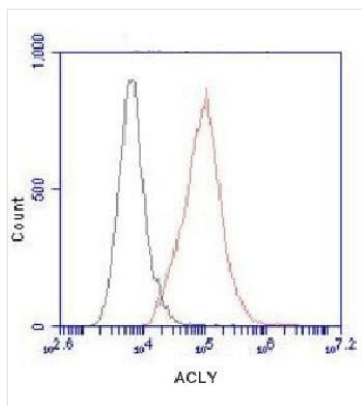
PRODUCT SYNONYMS

ATP-Citrate Lyase; Monoclonal Antibody; ATP-Citrate Lyase(C-term) Monoclonal Antibody; ATP-citrate synthase ATP citrate synthase citrate cleavage enzyme ATP-citrate (pro-S-)-lyase; anti-ATP antibody

PRODUCT SPECIFICATIONS

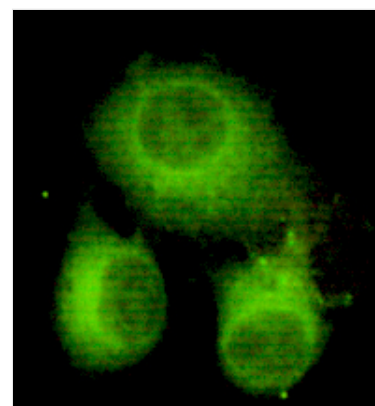
Host	Mouse
Reactivity	Human, Mouse, Rat, Porcine
Clonality	Monoclonal
Isotype	IgG2a
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol
Concentration	1 mg/ml (varies by lot)
Sequence Length	1101
Applicable Applications for anti-ATP antibody	FCM/FACS (Flow Cytometry), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant fragment, corresponding to amino acids 734aa-983aa of human ACLY (C-terminus).
Target Name	ATP-Citrate Lyase
Preparation and Storage	Store at -20 degree C

IMAGES



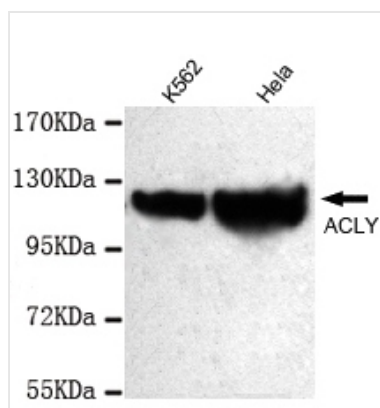
Application Data

HeLa cells stained with ACLY (red, 1:100 dilution), followed by FITC-conjugated goat anti-mouse IgG. Black line histogram represents the isotype control, normal mouse IgG



Application Data

HeLa cells using anti- ACLY(C-terminus)antibody diluted 1:150



Application Data

1:1000 dilution of this antibody detected ACLY on 40ug of cell lysates

ADDITIONAL INFORMATION

Product Categories/Family for anti-ATP antibody	Total protein Ab
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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; Q13037; Q9BRL0; B4DIM0; B4E3P0
Molecular Weight	Predicted MW: 120 kd
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
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/atp-citrate-lyase-antibody-flow-cytometry-immunocytochemistry-western-blot-elisa/300746>