

Mouse anti-Human, Mouse Pyruvate Dehydrogenase E2 Monoclonal Antibody | anti-DLAT antibody

Pyruvate Dehydrogenase E2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290450	Mouse	Human, Mouse	Immunoprecipitation, Immunocytochemistry, Western Blot

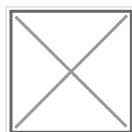
PRODUCT SYNONYMS

Pyruvate Dehydrogenase E2; Monoclonal Antibody; Pyruvate Dehydrogenase E2 Antibody; Purified Mouse Monoclonal Antibody (Mab); 70 kDa mitochondrial autoantigen of primary biliary cirrhosis; anti DLAT; Dihydrolipoamide acetyltransferase component of pyruvate dehydrogenase complex; Dihydrolipoamide; Dihydrolipoamide S Acetyltransferase; Dihydrolipoamide S-acetyltransferase (E2 component of pyruvate dehydrogenase complex); Dihydrolipoamide S-Acetyltransferase; Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex; dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex mitochondrial; DLAT; DLTA; E2; E2 component of pyruvate dehydrogenase complex; EC 2.3.1.12; M2 antigen complex 70 kDa subunit; M2 Antigen Complex 70kD Subunit; mitochondrial; ODP2_HUMAN; PBC; PDC E2; PDC-E2; PDCE2; Pyruvate dehydrogenase complex component E2; Pyruvate dehydrogenase complex E2 subunit; S acetyltransferase component of pyruvate dehydrogenase complex.; anti-DLAT antibody

PRODUCT SPECIFICATIONS

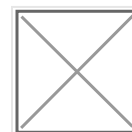
Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Form/Format	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol
Sequence Length	647
Applicable Applications for anti-DLAT antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), WB (Western Blot)
Antigen Source	Human
Antigen Type	Recombinant Protein
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



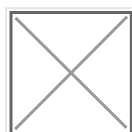
IP (Immunoprecipitation)

Immunoprecipitation analysis of Hela cell lysates using Pyruvate Dehydrogenase E2 mouse mAb.



ICC (Immunocytochemistry)

Immunocytochemistry stain of Hela using Pyruvate Dehydrogenase E2 mouse mAb (1:300).



WB (Western Blot)

Western blot detection of Pyruvate Dehydrogenase E2 in Jurkat, A549, U251, F9, Lncap and Hela cell lysates using Pyruvate Dehydrogenase E2 mouse mAb (1:1000 diluted). Predicted band size: 69KDa. Observed band size: 69KDa.

ADDITIONAL INFORMATION

Related Product Information for anti-DLAT antibody	The pyruvate dehydrogenase complex catalyzes the overall conversion of pyruvate to acetyl-CoA and CO(2), and thereby links the glycolytic pathway to the tricarboxylic cycle.
Product Categories/Family for anti-DLAT antibody	Cancer; Metabolism; Signal Transduction
References	Totoki Y.,et al.Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases. Taylor T.D.,et al.Nature 440:497-500(2006). Coppel R.L.,et al.Proc. Natl. Acad. Sci. U.S.A. 85:7317-7321(1988). Thekkumkara T.J.,et al.FEBS Lett. 240:45-48(1988). Hiromasa Y.,et al.J. Biol. Chem. 279:6921-6933(2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	31711992
NCBI GeneID	1737
NCBI Accession #	NP_001922.2
NCBI GenBank Nucleotide #	NM_001931.4
UniProt Accession #	P10515; Q16783; Q53EP3
Molecular Weight	68997
NCBI Official Full Name	dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial
NCBI Official Synonym Full Names	dihydrolipoamide S-acetyltransferase
NCBI Official Symbol	DLAT
NCBI Official Synonym Symbols	DLTA; PDCE2; PDC-E2
NCBI Protein Information	dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial
UniProt Protein Name	Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial
UniProt Gene Name	DLAT
UniProt Synonym Gene Names	DLTA; PBC; PDC-E2; PDCE2
UniProt Entry Name	ODP2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/pyruvate-dehydrogenase-e2-antibody-immunoprecipitation-immunocytochemistry-western-blot-elisa/290450>