

Mouse anti-Human, Mouse PDC-E2 Monoclonal Antibody | anti-PDC-E2 antibody

Anti-PDC-E2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA265775	Mouse	Human, Mouse	Immunoprecipitation, Immunofluorescence, Western Blot

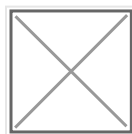
PRODUCT SYNONYMS

PDC-E2; Monoclonal Antibody; Anti-PDC-E2 Antibody; anti-PDC-E2 antibody

PRODUCT SPECIFICATIONS

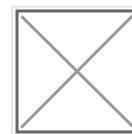
Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of PDC-E2 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH7.3.
Applicable Applications for anti-PDC-E2 antibody	IP (Immunoprecipitation), IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Purified recombinant human Pyruvate Dehydrogenase E2 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



IF (Immunofluorescence)

Immunofluorescent analysis of PDC-E2 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 PDC-E2 expression in Jurkat (A), A549 (B), U251 (C), F9 (D), Lncap (E), HeLa (F) whole cell lysates. (Predicted band size: 69 kD; Observed band size: 69 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-PDC-E2 antibody	Mouse monoclonal antibody to PDC-E2
Product Categories/Family for anti-PDC-E2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	31711992
NCBI GeneID	1737

NCBI Accession #	NP_001922.2
NCBI GenBank Nucleotide #	NM_001931.4
UniProt Accession #	P10515 ; Q8BMF4
Molecular Weight	68,997 Da
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; 70 kDa mitochondrial autoantigen of primary biliary cirrhosis; E2 component of pyruvate dehydrogenase complex; M2 antigen complex 70 kDa subunit; PBC
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/pdc-e2-antibody-immunoprecipitation-immunochemistry-immunofluorescence-western-blot-elisa/265775>