

Product Datasheet

Pyruvate Dehydrogenase E2 Mouse mAb

Catalog No: AB3221

Reactivity: Human, Mouse

Isotype: Mouse IgG1

Applications: WB, ICC/IF, IP



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Information

UniProt ID: P10515

All Names: DLAT; DLAT; DLTA M2 antigen complex 70 kDa subunit; M2 Antigen Complex 70kD Subunit; PBC; PDC E2; PDC-E2; PDCE2;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 69KDa

Application

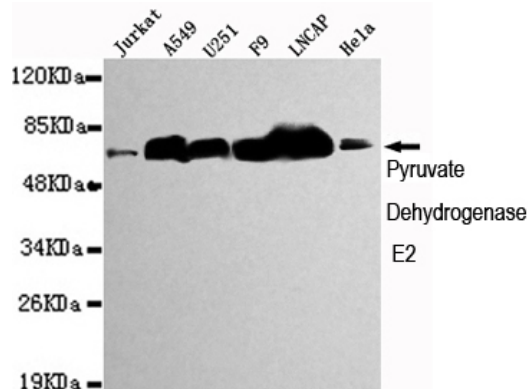
WB 1:1000

ICC/IF 1:300

IP

Background

The pyruvate dehydrogenase complex catalyzes the overall conversion of pyruvate to acetyl-CoA and CO₂. It contains multiple copies of three enzymatic components: pyruvate dehydrogenase (E1), dihydrolipoamide acetyltransferase (E2) and lipoamide dehydrogenase (E3).



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.

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