

Product Datasheet

Pyruvate Dehydrogenase E2 Mouse mAb

Catalog No: AB3478

Reactivity: Human, Monkey

Isotype: Mouse IgG1

Applications: WB, ICC/IF, IP



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Information

UniProt ID: P10515

All Names: DLAT; DLTA; E2; PBC; 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

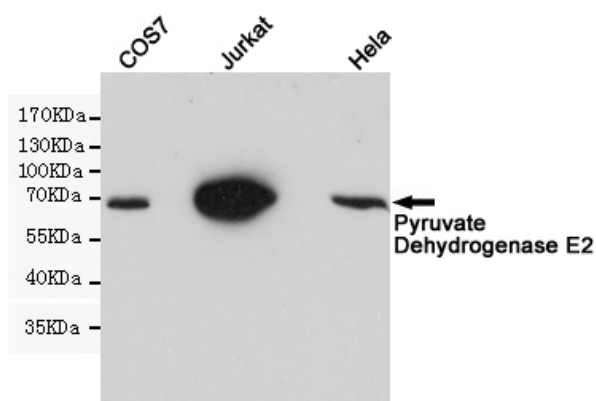
WB: 1/500-1/1000

ICC/IF: 1/50-1/200

IP: 1/50

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 analysis of Pyruvate Dehydrogenase E2 in COS7, Jurkat and HeLa lysates using Pyruvate Dehydrogenase E2 antibody.

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