

PYRUVATE DEHYDROGENASE E2 MOUSE MAB

Cat.#: N261531

Product Name: Anti-Pyruvate Dehydrogenase E2 Mouse Monoclonal Antibody

Synonyms: DLAT; DLTA; E2; PBC; PDCE2

UNIPROT ID: P10515

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).

Immunogen: Purified recombinant human Pyruvate Dehydrogenase E2 protein fragments expressed in E.coli.

Applications: WB, ICC/IF, IP

Recommended Dilutions: WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

Host Species: Mouse

Clonality: Mouse Monoclonal

Clone ID: 4A4-B6-C10

MW: Calculated MW: 69 kDa; Observed MW: 69 kDa

Isotype: IgG1

Purification: Affinity Purified

Species Reactivity: Human, Monkey

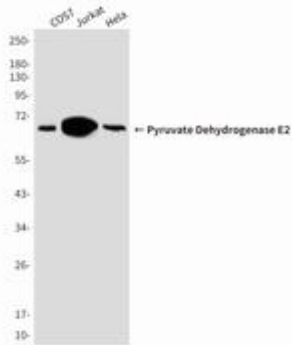
Conjugation: Unconjugated

Modification: Unmodified

Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Signal Transduction

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



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