

PYRUVATE DEHYDROGENASE E2 (4A4) MOUSE MAB

Cat.#: N261070

Product Name: Anti-Pyruvate Dehydrogenase E2 (4A4) 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, Mouse

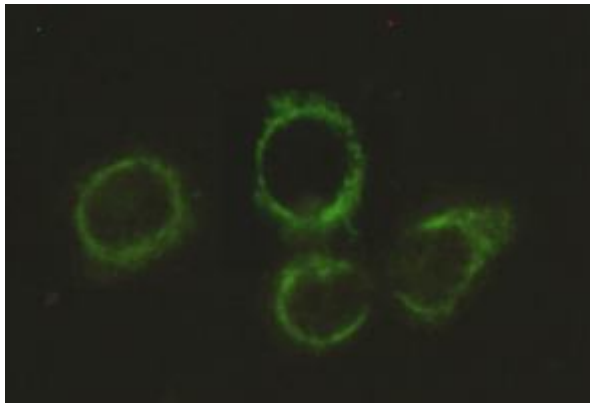
Conjugation: Unconjugated

Modification: Unmodified

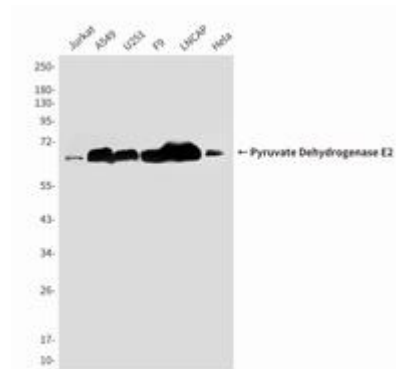
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Signal Transduction

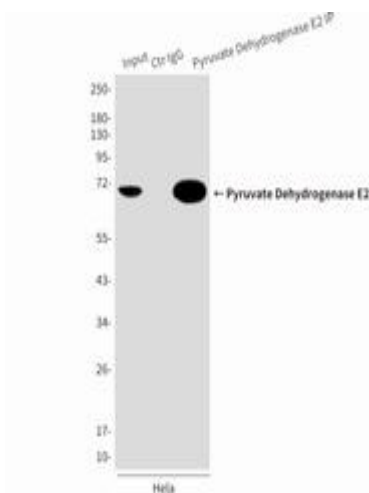
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunocytochemistry analysis of Pyruvate Dehydrogenase E2 (4A4) in HeLa using Pyruvate Dehydrogenase E2 antibody.



Western blot analysis of Pyruvate Dehydrogenase E2 in Jurkat, A549, U251, F9, Lncap and HeLa lysates using Pyruvate Dehydrogenase E2 antibody.



Immunoprecipitation analysis of Pyruvate Dehydrogenase E2 (4A4) in HeLa lysates using Pyruvate Dehydrogenase E2 antibody.