

PYRUVATE DEHYDROGENASE E2 RABBIT MAB

Cat.#: N263516

Product Name: Anti-Pyruvate Dehydrogenase E2 Rabbit 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: A synthetic peptide of human Pyruvate Dehydrogenase E2

Applications: WB, ICC/IF, IP

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

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R01-6I2

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

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human, Mouse, Rat, Hamster

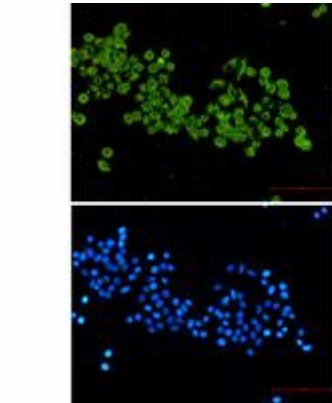
Conjugation: Unconjugated

Modification: Unmodified

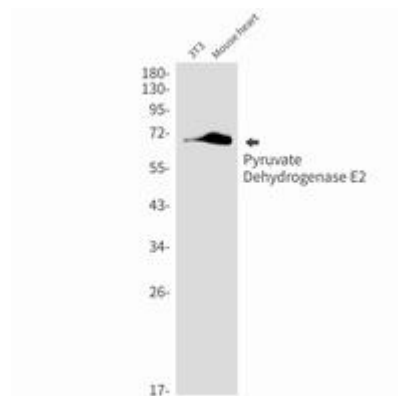
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Signal Transduction

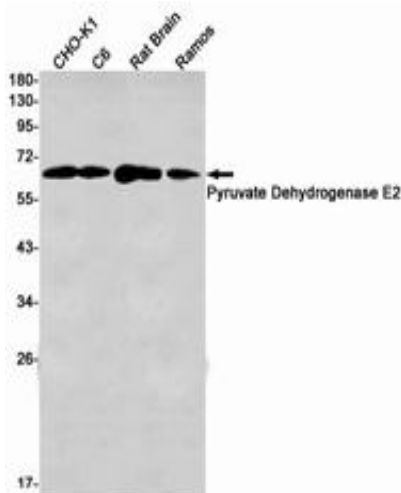
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunocytochemistry analysis of Pyruvate Dehydrogenase E2 (green) in HeLa using Pyruvate Dehydrogenase E2 antibody, and DAPI (blue)



Western blot analysis of Pyruvate Dehydrogenase E2 in 3T3, mouse heart lysates using Pyruvate Dehydrogenase E2 antibody.



Western blot analysis of Pyruvate Dehydrogenase E2 in CHO-K1, C6, rat Brain, Ramos lysates using Pyruvate Dehydrogenase E2 antibody.