

## 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 CO<sub>2</sub>. 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

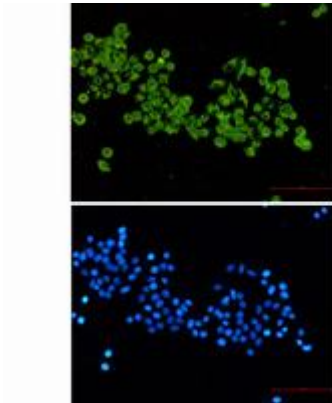
**Conjugation:** Unconjugated

**Modification:** Unmodified

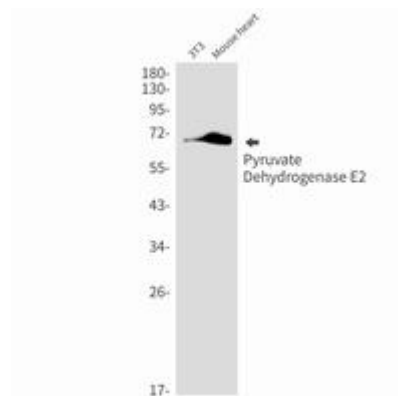
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Signal Transduction

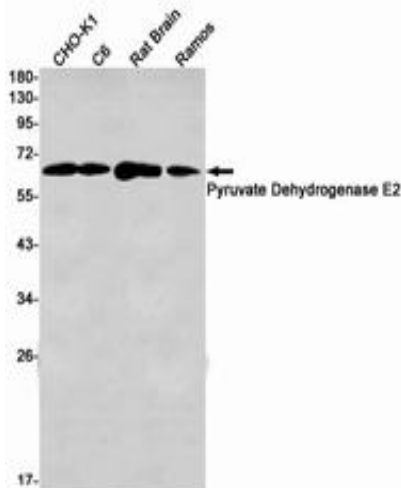
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



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.