

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

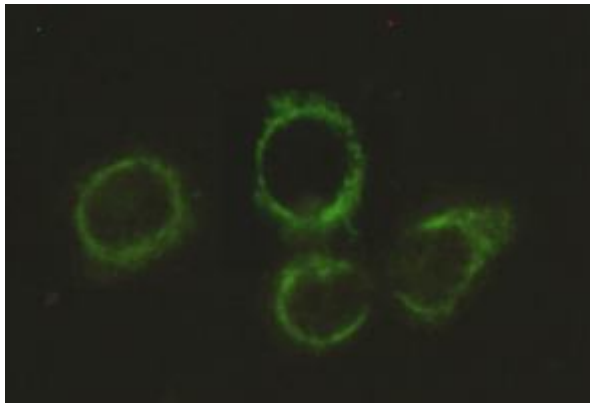
**Conjugation:** Unconjugated

**Modification:** Unmodified

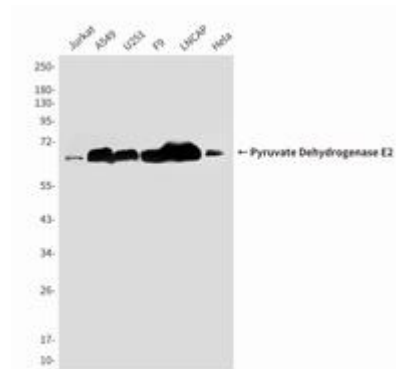
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Signal Transduction

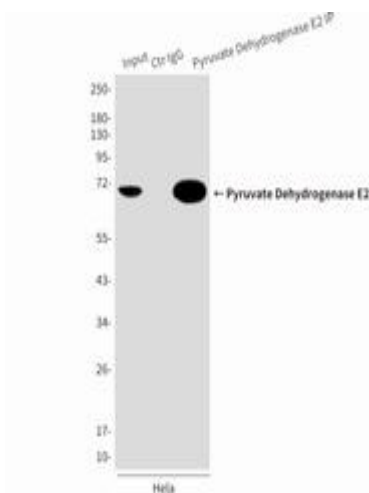
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunocytochemistry analysis of Pyruvate Dehydrogenase E2 (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.