

Product Datasheet

Pyruvate Dehydrogenase E1 beta subunit Antibody



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Catalog No: CY7208

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF IP FC

Information

UniProt ID: P11177

All Names: pdhB; DHBD; PDHE1 B; PDHE1-B; PHE1B;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 35kDa

Application

WB 1:1000~1:5000

IHC 1:50~1:200

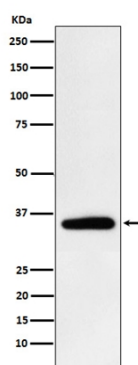
ICC/IF 1:50~1:200

IP 1:50

FC 1:50

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).



Western blot analysis of Pyruvate Dehydrogenase E1 beta subunit expression in HeLa cell lysate.

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