

**Pyruvate Dehydrogenase E1 beta subunit Antibody**  
Rabbit mAb  
Catalog # AP91638

**Specification**

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**Pyruvate Dehydrogenase E1 beta subunit Antibody - Product Information**

Application	WB, IHC, FC, ICC, IP
Primary Accession	<a href="#">P11177</a>
Reactivity	Rat
Clonality	Monoclonal
<b>Other Names</b>	
pdhB; DHBD; PDHE1 B; PDHE1-B; PHE1B;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	39233 Da

**Pyruvate Dehydrogenase E1 beta subunit Antibody - Additional Information**

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Pyruvate Dehydrogenase E1 beta subunit
Description	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).
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

**Pyruvate Dehydrogenase E1 beta subunit Antibody - Protein Information**

**Name** PDHB

**Synonyms** PHE1B

**Function**

The pyruvate dehydrogenase complex catalyzes the overall conversion of pyruvate to acetyl-CoA and CO<sub>2</sub>, and thereby links the glycolytic pathway to the tricarboxylic cycle.

**Cellular Location**

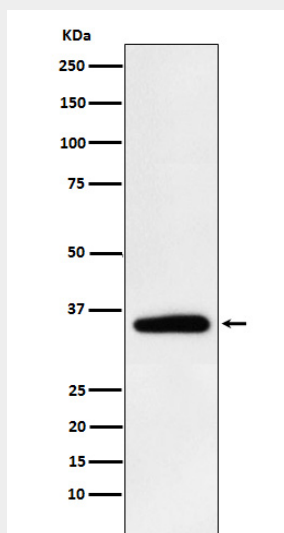
Mitochondrion matrix.

## Pyruvate Dehydrogenase E1 beta subunit Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Pyruvate Dehydrogenase E1 beta subunit Antibody - Images



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