

**Anti-Pyruvate Dehydrogenase E1 beta subunit PDHB Monoclonal Antibody**  
Catalog # ABO14601**Specification****Anti-Pyruvate Dehydrogenase E1 beta subunit PDHB Monoclonal Antibody - Product Information**

Application	WB, IHC, IF, ICC, IP, FC
Primary Accession	<a href="#">P11177</a>
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

**Description**

Anti-Pyruvate Dehydrogenase E1 beta subunit PDHB Monoclonal Antibody . Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

**Anti-Pyruvate Dehydrogenase E1 beta subunit PDHB Monoclonal Antibody - Additional Information**

Gene ID 5162

**Other Names**

Pyruvate dehydrogenase E1 component subunit beta, mitochondrial, PDHE1-B, 1.2.4.1, PDHB, PHE1B

**Application Details**

WB 1:1000-1:5000<br>IHC 1:50-1:200<br>ICC/IF 1:50-1:200<br>IP 1:50<br>FC 1:50

**Contents**

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

**Immunogen**

A synthesized peptide derived from human Pyruvate Dehydrogenase E1 beta subunit The pyruvate dehydrogenase complex catalyzes the overall conversion of pyruvate to acetyl-CoA and CO (2). It contains multiple copies of three enzymatic components: pyruvate dehydrogenase (E1), dihydrolipoamide acetyltransferase (E2) and lipoamide dehydrogenase (E3).

**Purification**

Affinity-chromatography

**Storage**

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

**Anti-Pyruvate Dehydrogenase E1 beta subunit PDHB Monoclonal Antibody - Protein Information**

**Name** PDHB

**Synonyms** PHE1B

**Function**

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

**Cellular Location**

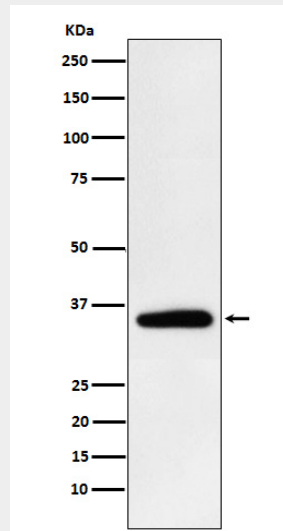
Mitochondrion matrix.

**Anti-Pyruvate Dehydrogenase E1 beta subunit PDHB Monoclonal 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](#)

**Anti-Pyruvate Dehydrogenase E1 beta subunit PDHB Monoclonal Antibody - Images**



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