

Pyruvate Dehydrogenase E1 beta subunit Antibody

Rabbit mAb

Catalog # AP91638

Product Information

Application	WB, IHC, IF, FC, ICC, IP, IHF
Primary Accession	P11177
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	pdhB; DHBD; PDHE1 B; PDHE1-B; PHE1B;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	39233

Additional Information

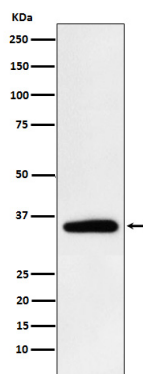
Dilution	WB 1:1000~1:5000 IHC 1:50~1:200 ICC/IF 1:50~1:200 IP 1:50 FC 1:50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Pyruvate Dehydrogenase E1 beta subunit
Description	The pyruvate dehydrogenase complex catalyzes the overall conversion of pyruvate to acetyl-CoA and CO(2). 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.

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.

Images

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



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