

Pyruvate Dehydrogenase E1 beta subunit Rabbit mAb

Catalog No: #59642

Package Size: #59642-1 50ul #59642-2 100ul

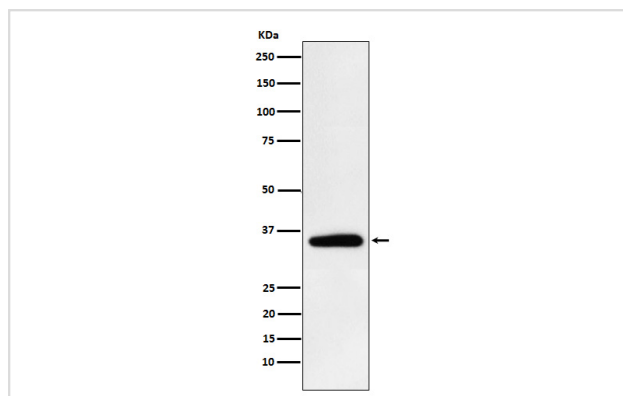
Description

Product Name	Pyruvate Dehydrogenase E1 beta subunit Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF IP FC
Species Reactivity	Human Mouse Rat
Specificity	Pyruvate Dehydrogenase E1 beta subunit Antibody detects endogenous levels of total Pyruvate Dehydrogenase E1 beta subunit
Immunogen Description	A synthesized peptide derived from human Pyruvate Dehydrogenase E1 beta subunit
Other Names	pdhB; DHBD; PDHE1 B; PDHE1-B; PHE1B;
Accession No.	Uniprot:P11177
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Application Details

WB 1:1000~1:5000 IHC 1:50~1:200 ICC/IF 1:50~1:200 IP 1:50 FC 1:50

Images



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

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).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.