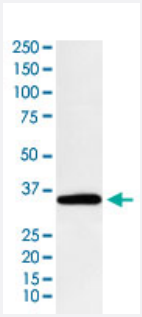
PDHB monoclonal antibody, clone AEAD-16

Catalog # MAB22302 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot (cell lysate) analysis of HeLa cell lysate.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic protein of human PDHB.
Immunogen	A synthetic peptide corresponding to human PDHB.
Host	Rabbit
Reactivity	Human
Specificity	This antibody reacts with human, mouse, rat PDHB, in native form and recombinant. Superfamily members of PDHB are not reactive to antibody.
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:1000-5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).

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Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

  Western Blot (cell lysate) analysis of HeLa cell lysate.

Gene Info — PDHB

Entrez GeneID	5162
Protein Accession#	P11177
Gene Name	PDHB
Gene Alias	DKFZp564K0164, PHE1B
Gene Description	pyruvate dehydrogenase (lipoamide) beta
Omim ID	179060
Gene Ontology	Hyperlink
Gene Summary	E1 beta polypeptide
Other Designations	Pyruvate dehydrogenase, E1 beta polypeptide

Pathway

- Biosynthesis of alkaloids derived from histidine and purine
- Biosynthesis of alkaloids derived from ornithine
- Biosynthesis of alkaloids derived from shikimate pathway
- Biosynthesis of alkaloids derived from terpenoid and polyketide
- Biosynthesis of phenylpropanoids
- Biosynthesis of plant hormones

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- Biosynthesis of terpenoids and steroids
- Butanoate metabolism
- Citrate cycle (TCA cycle)
- Glycolysis / Gluconeogenesis
- Metabolic pathways
- Pyruvate metabolism
- Valine

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