

## 小鼠抗 PDHA1 单克隆抗体

- 中文名称： 小鼠抗 PDHA1 单克隆抗体
- 英文名称： Anti-PDHA1 mouse monoclonal antibody
- 别名： pyruvate dehydrogenase E1 alpha 1 subunit; PDHA; PDHAD; PHE1A; PDHCE1A
- 相关类别： 一抗
- 储存： 冷冻（-20℃）
- 宿主： Mouse
- 抗原： PDHA1
- 反应种属： Human, Mouse
- 标记物： Unconjugate
- 克隆类型： Mouse Monoclonal

### 技术规格

#### Background:

The pyruvate dehydrogenase (PDH) complex is a nuclear-encoded mitochondrial multienzyme complex that catalyzes the overall conversion of pyruvate to acetyl-CoA and CO<sub>2</sub>, and provides the primary link between glycolysis and the tricarboxylic acid (TCA) cycle. The PDH complex is composed of multiple copies of three enzymatic components: pyruvate dehydrogenase (E1), dihydrolipoamide acetyltransferase (E2) and lipoamide dehydrogenase (E3). The E1 enzyme is a heterotetramer of two alpha and two beta subunits. This gene encodes the E1 alpha 1 subunit containing the E1 active site, and plays a key role in the function of the PDH complex. Mutations in this gene are associated with pyruvate dehydrogenase E1-alpha deficiency and X-linked Leigh syndrome. Alternatively spliced transcript variants encoding different isoforms have been found for t

	his gene.
<b>Applications:</b>	WB, IF
<b>Name of antibody:</b>	PDHA1
<b>Immunogen:</b>	Fusion protein of human PDHA1
<b>Full name:</b>	pyruvate dehydrogenase E1 alpha 1 subunit
<b>Synonyms:</b>	PDHA; PDHAD; PHE1A; PDHCE1A
<b>SwissProt:</b>	P08559
<b>WB Predicted band size:</b>	43 kDa
<b>WB Positive control:</b>	293, 1299, mEsc and Tc1 cell lysates
<b>WB Recommended dilution:</b>	1000-5000
<b>IF positive control:</b>	Hela cells
<b>IF Recommend dilution:</b>	50-100



