

小鼠抗 DLAT 单克隆抗体

- 中文名称： 小鼠抗 DLAT 单克隆抗体
- 英文名称： Anti-DLAT mouse monoclonal antibody
- 别名： dihydrolipoamide S-acetyltransferase; DLTA; PDCE2; PDC-E2
- 相关类别： 一抗
- 储存： 冷冻（-20℃）
- 宿主： Mouse
- 抗原： DLAT
- 反应种属： Human, Mouse
- 标记物： Unconjugate
- 克隆类型： Mouse Monoclonal

技术规格

Background:

This gene encodes component E2 of the multi-enzyme pyruvate dehydrogenase complex (PDC). PDC resides in the inner mitochondrial membrane and catalyzes the conversion of pyruvate to acetyl coenzyme A. The protein product of this gene, dihydrolipoamide acetyltransferase, accepts acetyl groups formed by the oxidative decarboxylation of pyruvate and transfers them to coenzyme A. Dihydrolipoamide acetyltransferase is the antigen for antimitochondrial antibodies. These autoantibodies are present in nearly 95% of patients with the autoimmune liver disease primary biliary cirrhosis (PBC). In PBC, activated T lymphocytes attack and destroy epithelial cells in the bile duct where this protein is abnormally distributed and overexpressed. PBC eventually leads to cirrhosis and liver failure. Mutations i

	n this gene are also a cause of pyruvate dehydrogenase E2 deficiency which causes primary lactic acidosis in infancy and early childhood.
Applications:	WB, IF, IP
Name of antibody:	DLAT
Immunogen:	Fusion protein of human DLAT
Full name:	dihydrolipoamide S-acetyltransferase
Synonyms:	DLTA; PDCE2; PDC-E2
SwissProt:	P10515
WB Predicted band size:	69 kDa
WB Positive control:	Jurkat, A549, U251, F9, Lncap and HeLa cell lysates
WB Recommended dilution:	1000-5000
IF positive control:	HeLa cells
IF Recommend dilution:	150-300



