

小鼠抗 GLUD1 单克隆抗体

中文名称： 小鼠抗 GLUD1 单克隆抗体

英文名称： Anti-GLUD1 mouse monoclonal antibody

别名： glutamate dehydrogenase 1; GDH; GDH1; GLUD

相关类别： 一抗

储存： 冷冻（-20℃）

宿主： Mouse

抗原： GLUD1

反应种属： Human

标记物： Unconjugate

克隆类型： mouse monoclonal

技术规格

<p>Background:</p>	<p>This gene encodes glutamate dehydrogenase, which is a mitochondrial matrix enzyme that catalyzes the oxidative deamination of glutamate to alpha-ketoglutarate and ammonia. This enzyme has an important role in regulating amino acid-induced insulin secretion. It is allosterically activated by ADP and inhibited by GTP and ATP. Activating mutations in this gene are a common cause of congenital hyperinsulinism. Alternative splicing of this gene results in multiple transcript variants. The related glutamate dehydrogenase 2 gene on the human X-chromosome originated from this gene via retrotransposition and encodes a soluble form of glutamate dehydrogenase. Related pseudogenes have been identified on chromosomes 10, 18 and X.</p>
<p>Applications:</p>	<p>ELISA, WB</p>

Name of antibody:	GLUD1
Immunogen:	Fusion protein of human GLUD1
Full name:	glutamate dehydrogenase 1
Synonyms:	GDH; GDH1; GLUD
SwissProt:	P00367
WB Predicted band size:	61 kDa
WB Positive control:	HEPG2 whole cell lysate
WB Recommended dilution:	1000-5000

