

## 小鼠抗 IDH2 单克隆抗体

中文名称： 小鼠抗 IDH2 单克隆抗体

英文名称： Anti-IDH2 mouse monoclonal antibody

别名： isocitrate dehydrogenase (NADP(+)) 2, mitochondrial; IDH; IDP; IDHM; IDPM; ICD-M; D2HGA2; mNADP-IDH

相关类别： 一抗

储存： 冷冻 (-20℃)

宿主： Mouse

抗原： IDH2

反应种属： Human

标记物： Unconjugate

克隆类型： mouse monoclonal

### 技术规格

**Background:**

Isocitrate dehydrogenases catalyze the oxidative decarboxylation of isocitrate to 2-oxoglutarate. These enzymes belong to two distinct subclasses, one of which utilizes NAD(+) as the electron acceptor and the other NADP(+). Five isocitrate dehydrogenases have been reported: three NAD(+)-dependent isocitrate dehydrogenases, which localize to the mitochondrial matrix, and two NADP(+)-dependent isocitrate dehydrogenases, one of which is mitochondrial and the other predominantly cytosolic. Each NADP(+)-dependent isozyme is a homodimer. The protein encoded by this gene

	is the NADP(+)-dependent isocitrate dehydrogenase found in the mitochondria. It plays a role in intermediary metabolism and energy production. This protein may tightly associate or interact with the pyruvate dehydrogenase complex. Alternative splicing results in multiple transcript variants.
<b>Applications:</b>	ELISA, WB
<b>Name of antibody:</b>	IDH2
<b>Immunogen:</b>	Fusion protein of human IDH2
<b>Full name:</b>	isocitrate dehydrogenase (NADP(+)) 2, mitochondrial
<b>Synonyms:</b>	IDH; IDP; IDHM; IDPM; ICD-M; D2HGA2; mNADP-IDH
<b>SwissProt:</b>	P48735
<b>WB Predicted band size:</b>	51 kDa
<b>WB Positive control:</b>	HepG2 whole cell lysate
<b>WB Recommended dilution:</b>	500-2000

