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 ass

	ociate or interact with the pyruvate dehydrogenase complex. Alternative splicing results in multiple transcript variants.
Applications:	ELISA, WB
Name of antibody:	IDH2
Immunogen:	Fusion protein of human IDH2
Full name:	isocitrate dehydrogenase (NADP(+)) 2, mitochondrial
Synonyms:	IDH; IDP; IDHM; IDPM; ICD-M; D2HGA2; mNADP-IDH
SwissProt:	P48735
WB Predicted band size:	51 kDa
WB Positive control:	HepG2 whole cell lysate
WB Recommended dilution:	500-2000