

IDH1 MAB**IDH1 Antibody**

货号: 26136

基因符号: IDH1

描述: IDH1 小鼠单克隆抗体

背景: Isocitrate dehydrogenase (IDH) catalyzes the oxidative decarboxylation of isocitrate to 2-oxoglutarate. Mutations of Arg-132 in IDH to Cys, His, Leu or Ser abolish magnesium binding and the conversion of isocitrate to alpha-ketoglutarate. Instead, alpha-ketoglutarate is converted to R-2-hydroxyglutarate. Elevated levels of R-2-hydroxyglutarate are correlated with an elevated risk of malignant brain tumors.

免疫原: Recombinant proteins of human IDH1 (amino acids 1-240).

经过测试的应用: ELISA, WB, IHC, IP

推荐稀释度:

ELISA: 1:1000-1:5000

WB: 1:100-1:1000

IHC: 1:50-1:100

浓度: 1 mg/ml

种属反应性: Mouse

形式: Liquid

克隆性: Monoclonal

亚型: IgG

纯化:: Purified from ascites

Preservative: No

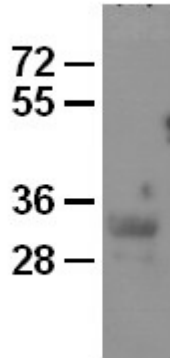
成分: PBS (without Mg^{2+} and Ca^{2+}), pH 7.4, 150 mM NaCl, 50% glycerol

种属反应性: IDH1 antibody recognizes IDH1 of vertebrates.

储存条件:: Store at $-20^{\circ}C$. Avoid repeated freezing and thawing

Western blot:

IDH1 protein



WB: Anti-IDH1 mAb

Western blot analysis of recombinant IDH1 protein. Purified His-tagged IDH1 protein (amino acids 1-240) (目录10198) was blotted with IDH1 mouse antibody (目录 26136).