

## IDH2(R172H)

产品名称: IDH2(R172H) 小鼠单抗

货号: 26084

基因符号: IDH2

描述: IDH2(R172H) 小鼠单抗

背景: Isocitrate dehydrogenase (IDH) catalyzes the oxidative decarboxylation of isocitrate to 2-oxoglutarate. Mutations of Arg-172 in IDH2 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: A synthetic peptide from the internal region of human IDH2 which includes the mutation of R172H.

经过测试的应用: ELISA, WB, IHC, IF

推荐稀释比: ELISA: 1:1000-1:5000 WB: 1:100-1:1000 IHC: 1:50-1:100 IF: 1:50-1:100

**Concentration:** 1 mg/ml

种属反应性: Mouse

形式: Liquid

克隆性: Monoclonal

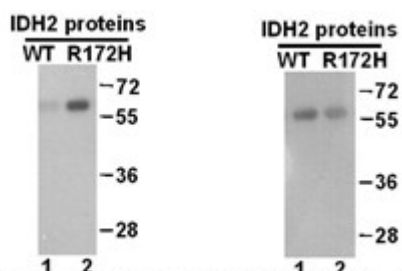
亚型: IgG

纯化: Purified from ascites

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

种属反应性: IDH2(R172H) antibody recognizes IDH2(R172H) of vertebrates.

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



蛋白质印迹: WB: Anti-IDH2(R172H) mAb WB: Anti-IDH2 mAb **Immunofluorescence of cells**

**expressing IDH2 proteins with Anti-IDH2(R172H) antibody.** HEK293T cells were transfected with pCDNA3-GFP-IDH2 (WT) plasmid (left column) or pCDNA3-GFP-IDH2(R172H) plasmid (right column), then fixed and stained with Anti-IDH2(R172H) monoclonal antibody (货号:26084).

