

**PIK3CA(E542K)**

产品名称: PIK3CA(E542K) 小鼠单抗

货号: 26234

规格: 100  $\mu$ L

基因符号: PIK3CA, CLOVE, CWS5, MCAP, MCM, MCMTTC, PI3K, p110- $\alpha$

描述: PIK3CA(E542K) 小鼠单抗

背景: Phosphatidyl 3-kinases (PI3K) are a family of lipid kinases involved in many cellular processes, including cell growth, proliferation, differentiation, motility, and survival. It is composed of an 85 kDa regulatory subunit and a 110 kDa catalytic subunit. Mutants of PIK3CA has been found in the pathogenesis of several cancers, including colon cancer, gliomas, gastric cancer, breast cancer, endometrial cancer, and lung cancer.

免疫原: A synthetic peptide from the internal region of PIK3CA which includes the mutation of E542K, human origin.

经过测试的应用: ELISA, WB

推荐稀释比: ELISA: 1:1000-1:5000WB: 1:500-1:2000

**Concentration:** 1 mg/ml

种属反应性: Mouse

形式: Liquid

克隆性: Monoclonal

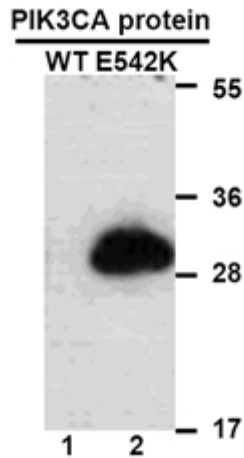
亚型: IgG

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: Recognizes E542K mutant, but not wild type PIK3CA of vertebrates.

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



**蛋白质印迹: WB: anti-PIK3CA (E542K) mAb** Western blot analysis of recombinant PIK3CA(E542K) and wild type proteins. Purified His-tagged PIK3CA(E542K) protein (lane 2) and corresponding wild type protein (lane 1) were blotted with Anti-PIK3CA(E542K) monoclonal antibody (货号:26234).