

## RAS(K117N)

产品名称: RAS(K117N)

货号: 26468

基因符号: H-Ras; K-Ras; N-Ras

描述: RAS(K117N) 小鼠单抗

背景: The K117N mutation of KRas results in an amino acid substitution at position 146, from an alanine to a threonine. KRAS encodes a protein that is a member of the small GTPase superfamily. Ras K117N mutation results in decreased GTPase activity and constitutive signaling. It can be found in many tumors, such as lung adenocarcinoma, mucinous adenoma, ductal carcinoma of the pancreas and colorectal carcinoma.

免疫原: A synthetic peptide from the internal region of Ras which includes the mutation of K117N, human origin.

经过测试的应用: ELISA, WB, IHC

推荐稀释比: ELISA: 1:1000-1:5000WB: 1:500-1:1000IHC: 1:50-1:100

**Concentration:** 1 mg/ml

种属反应性: Mouse

形式: Liquid

克隆性: Monoclonal

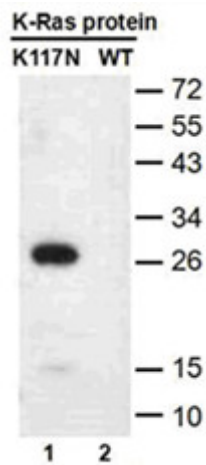
亚型: IgG

纯化: Purified from ascites

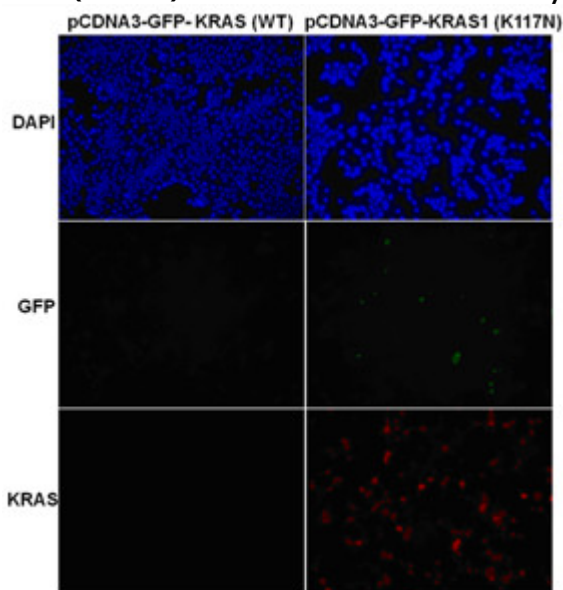
成分: PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 50% glycerol

种属反应性: Recognizes K117N mutant, but not wild type RAS of vertebrates.

储存条件: Store at -20°C. Avoid repeated freezing and thawing



**蛋白质印迹:** WB: anti-K-Ras (K117N) mAb Western blot analysis of recombinant RAS(K117N) and wild type proteins. Purified His-tagged RAS(K117N) protein (lane 1) and corresponding wild type protein (lane 2) were blotted with Anti-RAS(K117N) monoclonal antibody (货号:26468). **Immunofluorescence:**



Immunofluorescence of cells expressing KRas proteins with anti-KRAS(K117N) antibody. HEK293T cells were transfected with pCDNA3-GFP-KRas (WT) plasmid (left column) or pCDNA3-GFP-KRAS(K117N) plasmid (right column), then fixed and stained with anti-KRAS(K117N) monoclonal antibody (货号:26468).