

## RAS(K117N)

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货号: 26468

基因符号: H-Ras; K-Ras; N-Ras

描述: RAS(K117N) 小鼠单克隆抗体

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

推荐稀释度:

ELISA: 1:1000-1:5000

WB: 1:500-1:1000

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

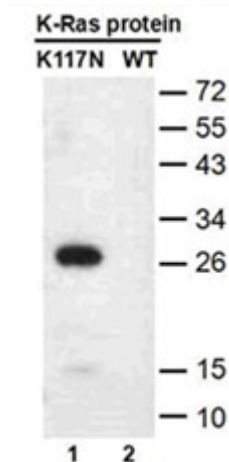
**Preservative:** No

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

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

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

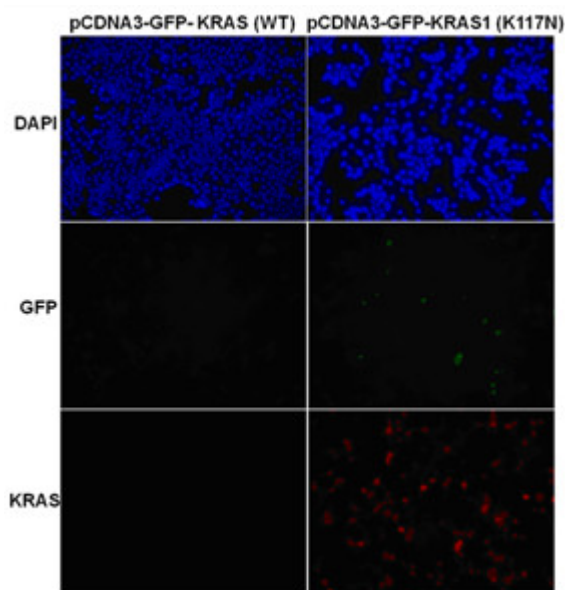
## Western blot:



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 RAS(K117N) monoclonal antibody (货号26468).

## Immunofluorescence:



Immunofluorescence of cells expressing KRas proteins with 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 KRAS(K117N) monoclonal antibody (货号26468).