

## RAS(G12S)

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货号: 26186

基因符号: H-Ras; K-Ras; N-Ras

描述: RAS(G12S) 小鼠单克隆抗体

背景: Ras protein is a membrane-associated GTPase signaling protein that regulates proliferation, differentiation, and cell survival. Ras G12S mutation result in decreased GTPase activity and constitutive signaling, and is correlated with the development of pancreatic intraepithelial neoplasia and lung lesions.

免疫原: A synthetic peptide from the internal region of RAS which includes the mutation of G12S, 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

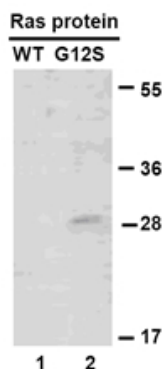
**Preservative:** No

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

种属反应性: Recognizes G12S mutant, but not wild type RAS of vertebrates.

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

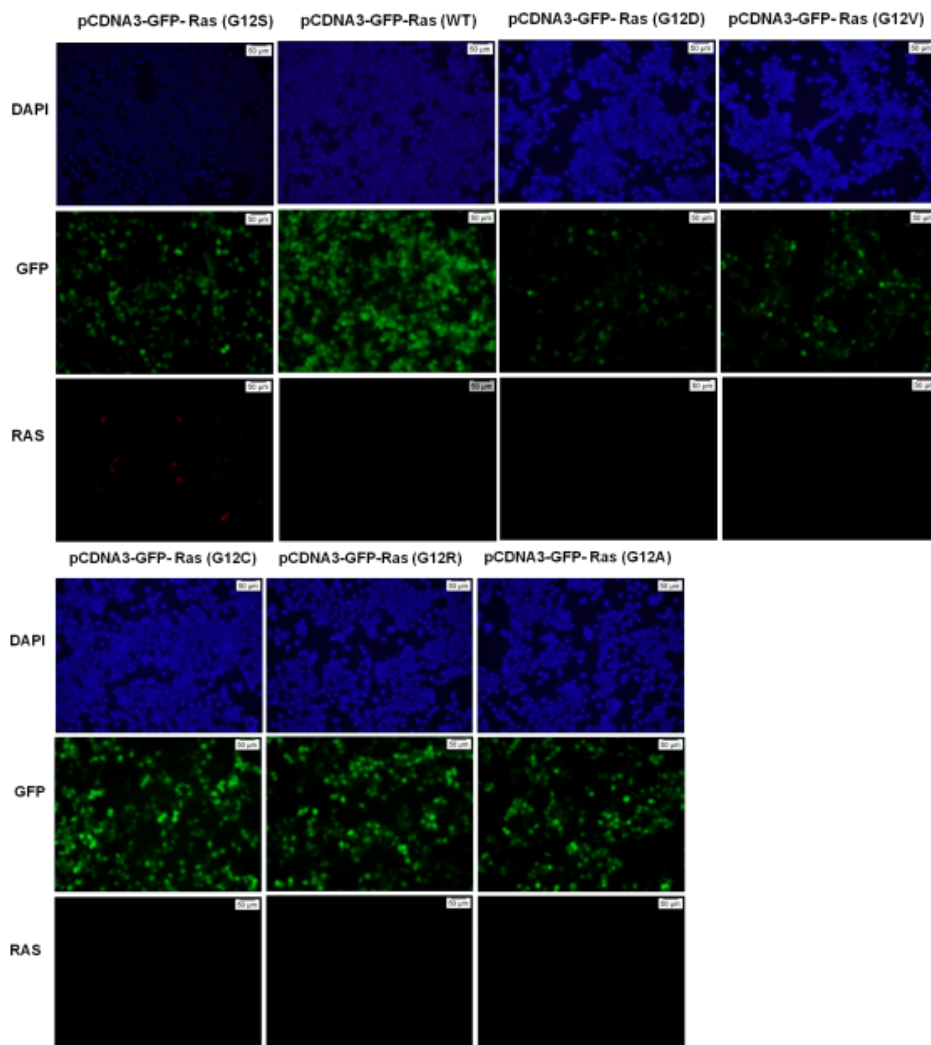
## Western blot:



WB: anti-Ras (G12S) mAb

Western blot analysis of recombinant RAS(G12S) and wild type proteins. Purified His-tagged RAS(G12S) protein (lane 2) and corresponding wild type protein (lane 1) were blotted with RAS(G12S) monoclonal antibody (货号26186).

## Immunofluorescence:



Immunofluorescence of cells expressing RAS proteins with RAS(G12S) antibody. HEK293T cells were transfected with pCDNA3-GFP-Ras(G12S) plasmid, pCDNA3-GFP-Ras(WT) plasmid, pCDNA3-GFP-Ras(G12S) plasmid, pCDNA3-GFP-Ras(G12V) plasmid, pCDNA3-GFP-Ras(G12C) plasmid, pCDNA3-GFP-Ras(G12R) plasmid or pCDNA3-GFP-Ras(G12A) plasmid, then fixed and stained with RAS(G12S) monoclonal antibody (货号26186).

