

## EGFR(G719S)

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货号: 26083

基因符号: EGFR

描述: EGFR(G719S) 小鼠单克隆抗体

背景: EGFR is a receptor tyrosine kinase for ligands of the EGF family. EGFR activates several signaling cascades to convert extracellular cues into appropriate cellular responses. Defects in EGFR are associated with cancers such as lung cancer.

免疫原: A synthetic peptide from the internal region of human EGFR which includes the mutation of G719S.

经过测试的应用: ELISA, WB, IHC, IF

推荐稀释度:

ELISA: 1:1000-1:5000

WB: 1:1000-1:2000

IHC: 1:50-1:1000

IF: 1:50-1:100

浓度: 1 mg/ml

种属反应性: Mouse

形式: Liquid

克隆性: Monoclonal

亚型: IgG2b

纯化:: Purified from ascites

**Preservative:** No

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

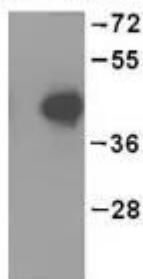
种属反应性: Recognizes EGFR(G719S), but not wild type EGFR protein of vertebrates.

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

### Western blot:

## EGFR proteins

WT G719S



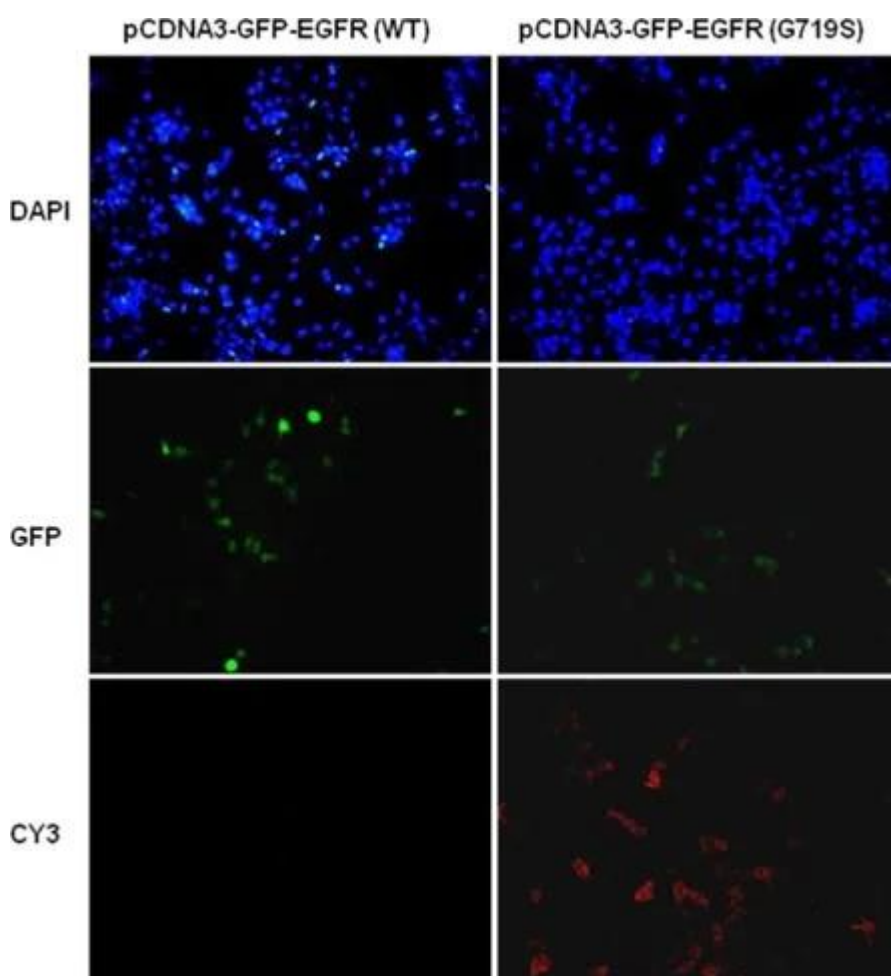
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WB: Anti-EGFR(G719S) mAb

## Western blot analysis of recombinant EGFR(G719S) and wild type EGFR proteins.

Purified his-tagged EGFR (G719S) protein (aa 702-987) (货号10214) and wild type EGFR protein (aa 702-987) (货号10210) were blotted with EGFR(G719S) mouse antibody (货号26083).

## Immunofluorescence:



## Immunofluorescence of cells expressing EGFR proteins with EGFR (G719S)

## **antibody.**

HEK293T cells were transfected with pCDNA3-GFP-EGFR (WT) plasmid (left column) or pCDNA3-GFP-EGFR (G719S) plasmid (right column), then fixed and stained with EGFR (G719S) monoclonal antibody (货号26083).