

**EGFR(G719A)****EGFR(G719A)**

货号: 26115

基因符号: EGFR/HER1/ERBB1

描述: EGFR(G719A) 小鼠单克隆抗体

背景: EGFR is a receptor tyrosine kinase binding ligands of the EGF family and activating several signaling cascades to convert extracellular cues into appropriate cellular responses. It activates at least 4 major downstream signaling cascades including the RAS-RAF-MEK-ERK, PI3 kinase-AKT, PLC gamma-PKC and STATs modules. Defects in EGFR are associated with lung cancer (LNCR).

免疫原: A synthetic peptide from the internal region of EGFR which includes the mutation of G719A, human origin.

**Tested** 经过测试的应用: ELISA, WB, IF, 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:

纯化:: Purified from ascites

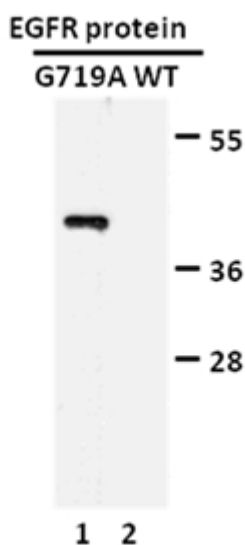
**Preservative:** No

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

种属反应性: Recognizes EGFR(G719A), but not wild type EGFR of vertebrates.

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

## Western blot:



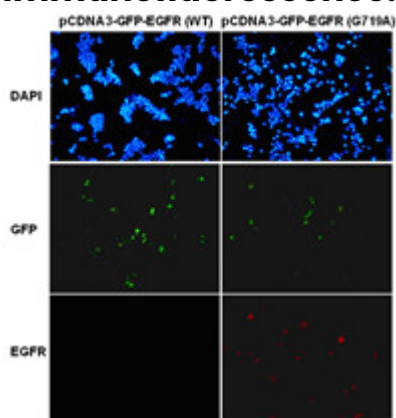
WB: Anti-EGFR (G719A) mAb

## Western blot analysis of recombinant

### EGFR(G719A) and wild type proteins.

Purified His-tagged EGFR(G719A) protein (aa 702-987) and wild type protein (aa 702-987) were blotted with EGFR(G719A) mouse antibody (cat. # 26115).

## Immunofluorescence:



## Immunofluorescence of cells expressing EGFR proteins with EGFR(G719A) antibody.

HEK293T cells were transfected with pCDNA3-GFP-EGFR (WT) plasmid (left column) or pCDNA3-GFP-EGFR(G719A) plasmid (right column), then fixed and stained with EGFR (G719A) monoclonal antibody (cat. # 26115).