

## EGFR(V769L)

### EGFR(V769L)

货号: 26121

基因符号: EGFR/HER1/ERBB1

描述: EGFR(V769L) 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 V769L, 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: 1:500-1:2000

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

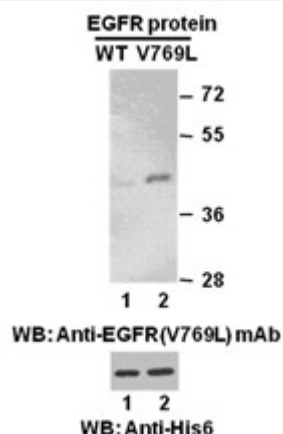
**Preservative:** No

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

种属反应性: Recognizes EGFR(V769L), but not wild type EGFR from vertebrates.

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

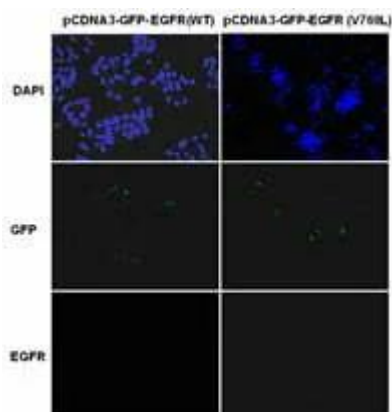
### Western blot:



## Western blot analysis of recombinant EGFR(V769L) and wild type proteins.

Purified His-tagged EGFR(V769L) protein (amino acids 702-987, lane 2, 货号10239) and corresponding wild type protein (lane 1, 货号10210) were blotted with anti EGFR(V769L) mouse monoclonal antibody (货号26121). Proteins loading (bottom) were blotted with His-tag monoclonal antibody (货号28004).

## Immunofluorescence:



## Immunofluorescence of cells expressing EGFR proteins with anti EGFR(V769L) antibody.

HEK293T cells were transfected with pCDNA3-GFP-EGFR (WT) plasmid (left column) or pCDNA3-GFP EGFR(V769L) plasmid (right column), then fixed and stained with EGFR(V769L) monoclonal antibody (货号26121).