

EGFR(VIII)

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货号: 26176

基因符号: EGFR/HER1/ERBB1

描述: EGFR(vIII) 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 (NSCLC).

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

经过测试的应用: ELISA, WB, IF, IHC

推荐稀释度:

ELISA: 1:1000-1:5000

WB: 1:1000-1:5000

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

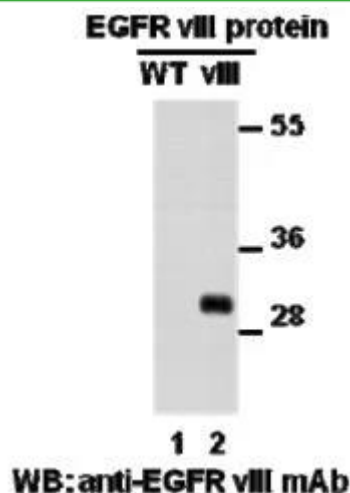
Preservative: No

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

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

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

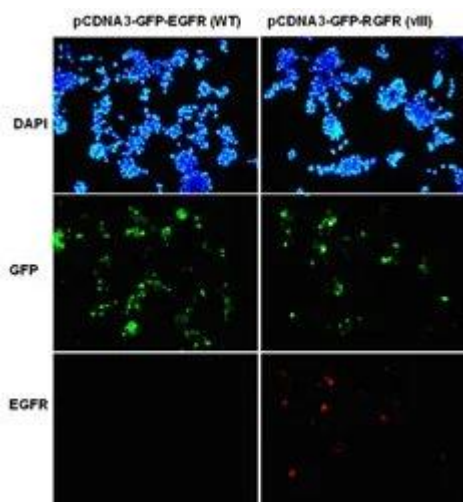
Western blot:



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

Purified His-tagged EGFR(vIII) protein (partial, lane 2) and corresponding wild type protein (lane 1) were blotted with EGFR(vIII) mouse monoclonal antibody (货号 26176).

Immunofluorescence:



Immunofluorescence of cells expressing EGFR proteins with EGFR(vIII) antibody.

HEK293T cells were transfected with pCDNA3-GFP-EGFR (WT) plasmid (left column) or pCDNA3-GFP-EGFR(vIII) plasmid (right column), then fixed and stained with EGFR(vIII) monoclonal antibody (货号26176).