

EGFR(N826S)**EGFR(N826S)**

货号: 26116

基因符号: EGFR/Her1/Neu

描述: EGFR(N826S) 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, PLCgamma-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 N826S, human origin.

经过测试的应用: ELISA, WB, IF, IHC

推荐稀释度:

ELISA: 1:1000-1:5000

WB: 1:500-1:2000

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:

纯化:: Purified from ascites

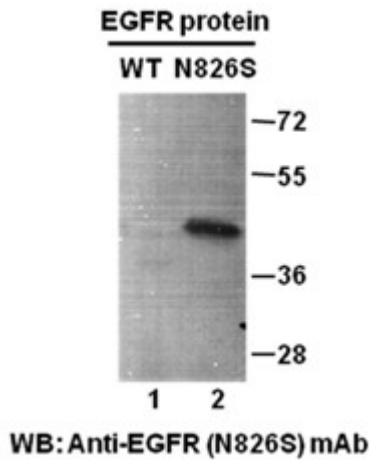
Preservative: No

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

种属反应性: Recognizes EGFR(N826S), but not wild type EGFR protein from vertebrates.

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

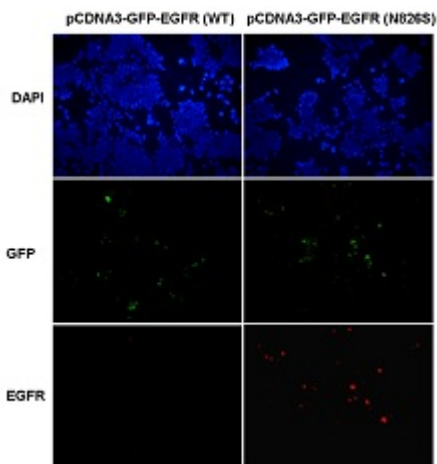
Western blot:



Western blot analysis of recombinant EGFR(N826S) and wild type proteins.

Purified His-tagged EGFR(N826S) protein (702-987) (货号10221) and corresponding wild type protein (702-987) (货号10210) were blotted with EGFR (N826S) mouse antibody (货号26116).

Immunofluorescence:



Immunofluorescence of cells expressing EGFR proteins with EGFR(N826S) antibody.

HEK293T cells were transfected with pCDNA3-GFP-EGFR (WT) plasmid (left column) or pCDNA3-GFP-EGFR(N826S) plasmid (right column), then fixed and stained with EGFR(N826S) monoclonal antibody (货号26116).