

## EGFR (5E10) MOUSE MAB

货号: N261441

产品全名: EGFR (5E10) 小鼠单抗

基因符号 EGFR; ERBB; ERBB1; HER1; Epidermal growth factor receptor; Proto-oncogene c-ErbB-1; Receptor tyrosine-protein kinase erbB-1

**UNIPROT ID:** P00533

**背景:** EGFR is a receptor tyrosine kinase. Receptor for epidermal growth factor (EGF) and related growth factors including TGF- $\alpha$ , amphiregulin, betacellulin, heparin-binding EGF-like growth factor, GP30 and vaccinia virus growth factor. Is involved in the control of cell growth and differentiation. . A single-pass transmembrane tyrosine kinase. Ligand binding to this receptor results in receptor dimerization, autophosphorylation (in trans), activation of various downstream signaling molecules and lysosomal degradation.

**抗原:** Purified recombinant human EGFR protein fragments expressed in E.coli.

**经过测试的应用:** WB,ICC/IF,IP

**推荐稀释比:** WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

**种属反应性:** Mouse

**克隆性:** Mouse Monoclonal

**克隆编号:** 5E10-G10-E11

**分子量:** Calculated MW: 134 kDa; Observed MW: 175 kDa

**亚型:** IgG1

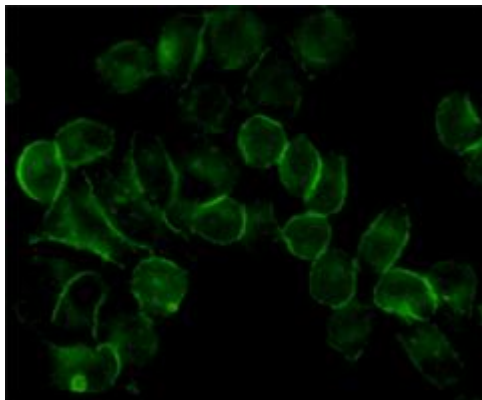
**纯化:** Affinity Purified

**种属反应性:** Human,Monkey

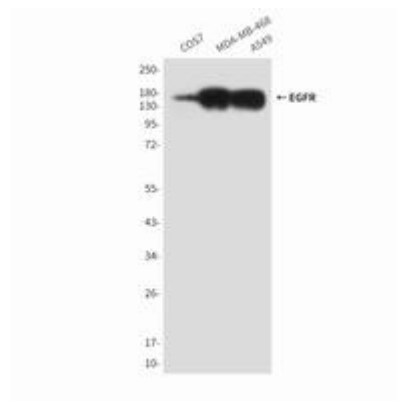
**成分:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**研究领域:** Signal Transduction

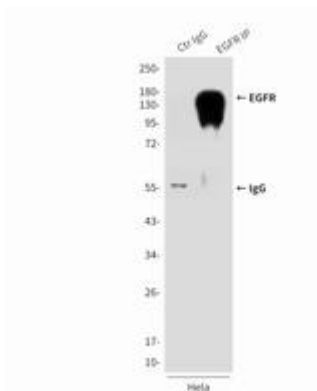
**储存和运输:** Store at -20°C. Avoid repeated freezing and thawing



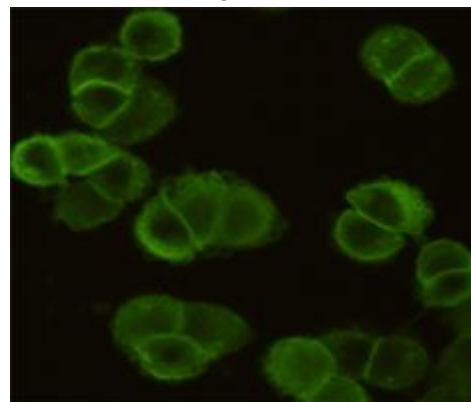
Immunocytochemistry analysis of EGFR (5E10) in HeLa using EGFR antibody.



Western blot analysis of EGFR in A549, MDA-MB-468 and COS7 lysates using EGFR antibody.



Immunoprecipitation analysis of EGFR (5E10) in HeLa lysates using EGFR antibody.



Immunocytochemistry analysis of EGFR in MDA-MB-468 cells using EGFR antibody.