

产品名称: Phospho-EGFR (Tyr1173) Rabbit Monoclonal Antibody  
产品货号: AMRe02847



## 产品概述 (Summary)

|                        |                                                   |
|------------------------|---------------------------------------------------|
| 产品名称 (Production Name) | Phospho-EGFR (Tyr1173) Rabbit Monoclonal Antibody |
| 描述 (Description)       | Recombinant rabbit monoclonal antibody            |
| 宿主 (Host)              | Rabbit                                            |
| 应用 (Application)       | WB,IHC,ICC/IF,IP                                  |
| 种属反应性 (Reactivity)     | Human                                             |

## 产品性能 (Performance)

|                     |                                                                                                      |
|---------------------|------------------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                                         |
| 修饰 (Modification)   | Phosphorylated                                                                                       |
| 同种型 (Isotype)       | IgG                                                                                                  |
| 克隆 (Clonality)      | Monoclonal                                                                                           |
| 形式 (Form)           | Liquid                                                                                               |
| 存放说明 (Storage)      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.             |
| 储存溶液 (Buffer)       | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein |
| 纯化方式 (Purification) | Affinity Purification                                                                                |

## 免疫原信息 (Immunogen)

|                        |                                                                                                                             |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| 基因名 (Gene Name)        | EGFR                                                                                                                        |
| 别名 (Alternative Names) | EGFR; ERBB; ERBB1; HER1; Epidermal growth factor receptor; Proto-oncogene c-ErbB-1; Receptor tyrosine-protein kinase erbB-1 |
| 基因 ID (Gene ID)        | 1956                                                                                                                        |
| 蛋白 ID (SwissProt ID)   | P00533.                                                                                                                     |

## 产品应用 (Application)

|                          |                                                               |
|--------------------------|---------------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,IP 1:20-1:50 |
| 蛋白分子量 (Molecular Weight) | Calculated MW: 134 kDa; Observed MW: 175 kDa                  |

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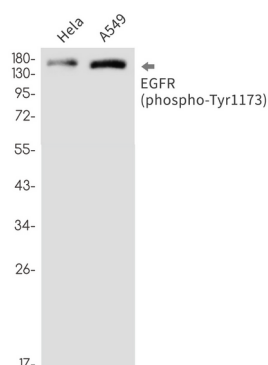
## 研究背景 (Background)

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.

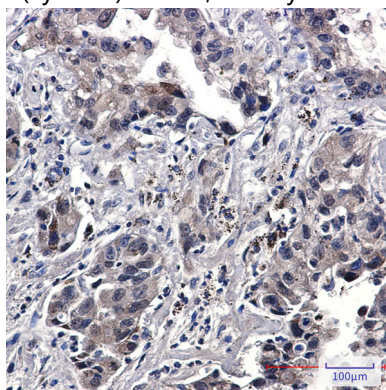
## 研究领域 (Research Area)

Signal Transduction

## 图片 (Image Data)

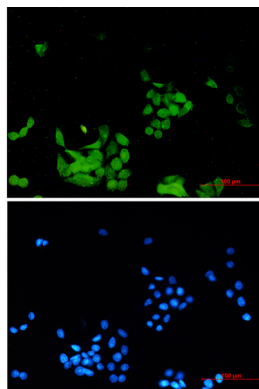


Western blot analysis of Phospho-EGFR (Tyr1173) in HeLa, A549 lysates using Phospho-EGFR (Tyr1173) antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using EGFR (Phospho-Tyr1173) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

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Immunocytochemistry analysis of Phospho-EGFR (Tyr1173) (green) in HeLa using Phospho-EGFR (Tyr1173) antibody, and DAPI(blue)

#### 注意事项 (Note)

For research use only .