

产品名称: Phospho-EGFR (Tyr1173) Rabbit Monoclonal Antibody
产品货号: AMRe84897



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,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)	Purified antibody in TBS with 0.05% sodium azide, 0.05% protective protein and 50% glycerol.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	Phospho-EGFR (Tyr1173)
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)	1956.0
蛋白 ID (SwissProt ID)	P00533.A synthetic phosphopeptide corresponding to residues surrounding Tyr1173 of human EGFR

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000, IHC 1:50-1:100, ICC 1:50-1:200, IP 1:10-1:20
蛋白分子量 (Molecular Weight)	Calculated MW: 134 kDa; Observed MW: 175 kDa

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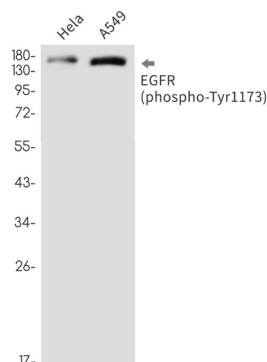
研究背景 (Background)

EGFR is a receptor tyrosine kinase. Receptor for epidermal growth factor (EGF) and related growth factors including TGF- α , 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.

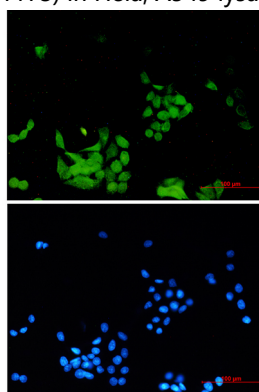
研究领域 (Research Area)

TGF- β signaling pathway, PI3K-Akt signaling pathway, MAPK signaling pathway, Jak-STAT signaling pathway, Hippo signaling pathway

图片 (Image Data)

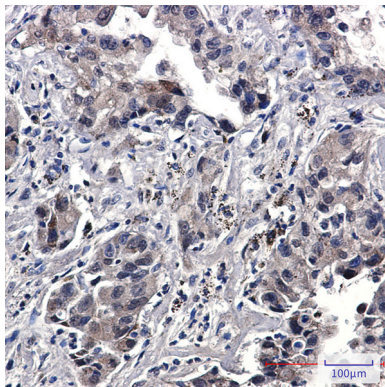


Western blot analysis of Phospho-EGFR (Tyr1173) in HeLa, A549 lysates using Phospho-EGFR (Tyr1173) antibody.



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

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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.

注意事项 (Note)

For research use only .