

产品名称: EGFR Mouse Monoclonal Antibody
产品货号: AMM85026



产品概述 (Summary)

产品名称 (Production Name)	EGFR Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ICC
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG1
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 PBS with 0.05% sodium azide,0.5%protective protein and 50% glycerol.
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)	1956.0
蛋白 ID (SwissProt ID)	P00533.Synthetic Peptide of 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
蛋白分子量 (Molecular Weight)	Calculated MW: 134 kDa; Observed MW: 170 kDa

研究背景 (Background)

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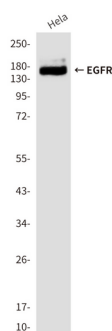


EGFR is a receptor tyrosine kinase. Receptor for epidermal growth factor (EGF) and related growth factors including TGF- α , amphiregulin, betacellulin, heparin-binding EGF-like growth factor, GP30 and vaccinia virus growth factor. Is involved in the control of cell growth and differentiation. . A single-pass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

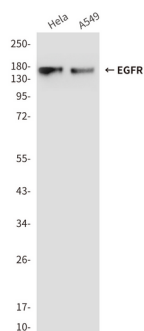
研究领域 (Research Area)

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

图片 (Image Data)

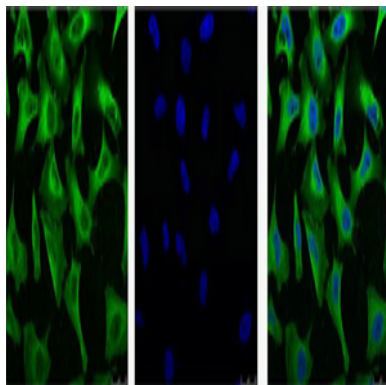


Western blot analysis of EGFR in HeLa lysates using EGFR antibody

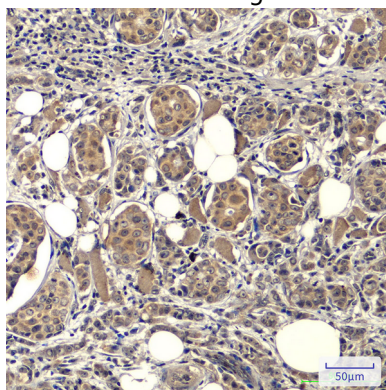


Western blot analysis of EGFR in HeLa, A549 lysates using EGFR antibody

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Immunofluorescence analysis of EGFR in Hela using EGFR antibody (Left) and DAPI (Right).



Immunohistochemistry analysis of paraffin-embedded Human breast cancer tissue using EGFR antibody High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

注意事项 (Note)

For research use only .