

产品名称: EGFR (3A9) Mouse Monoclonal Antibody
产品货号: AMM03596



产品概述 (Summary)

产品名称 (Production Name)	EGFR (3A9) Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ICC/IF
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)	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)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
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
蛋白分子量 (Molecular Weight)	Calculated MW: 134 kDa; Observed MW: 170 kDa

研究背景 (Background)

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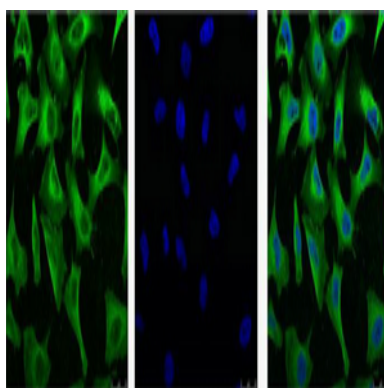


EGFR is a receptor tyrosine kinase. Receptor for epidermal growth factor (EGF) and related growth factors including TGF- α , amphiregulin, betacellulin, heparin-binding EGF-like growth factor, GP30 and vaccinia virus growth factor. Is involved in the control of cell growth and differentiation. . A single-pass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

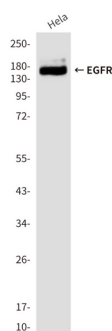
研究领域 (Research Area)

Signal Transduction

图片 (Image Data)

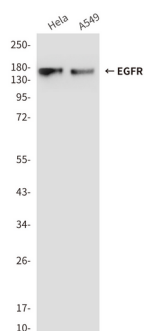


Immunofluorescence analysis of EGFR in HeLa using EGFR (3A9) antibody (Left) and DAPI (Right).

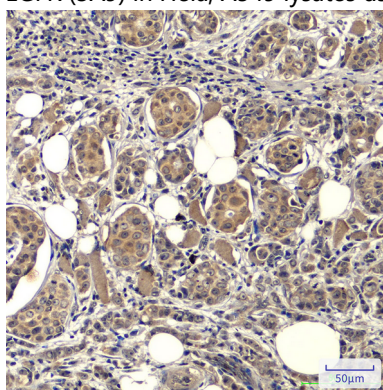


Western blot analysis of EGFR (3A9) in HeLa lysates using EGFR (3A9) antibody

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Western blot analysis of EGFR (3A9) in Hela, A549 lysates using EGFR (3A9) antibody



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 .