

产品名称: ERBB4 Mouse Monoclonal Antibody
产品货号: AMM81495



产品概述 (Summary)

产品名称 (Production Name)	ERBB4 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	ICC,ELISA,FC
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
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ERBB4
别名 (Alternative Names)	HER4; ALS19; p180erbB4
基因 ID (Gene ID)	2066.0
蛋白 ID (SwissProt ID)	Q15303.Purified recombinant fragment of human ERBB4 (AA: 1159-1308) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	ICC 1:50-1:200,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	146.8kDa

研究背景 (Background)

This gene is a member of the Tyr protein kinase family and the epidermal growth factor receptor subfamily. It encodes a

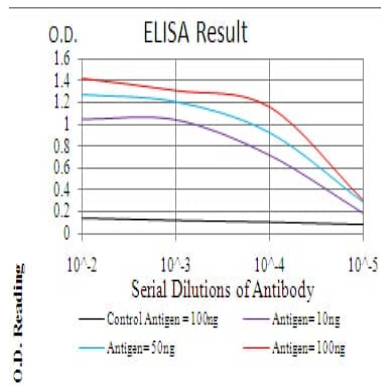
产品名称: ERBB4 Mouse Monoclonal Antibody
产品货号: AMM81495

single-pass type I membrane protein with multiple cysteine rich domains, a transmembrane domain, a tyrosine kinase domain, a phosphatidylinositol-3 kinase binding site and a PDZ domain binding motif. The protein binds to and is activated by neuregulins and other factors and induces a variety of cellular responses including mitogenesis and differentiation. Multiple proteolytic events allow for the release of a cytoplasmic fragment and an extracellular fragment. Mutations in this gene have been associated with cancer. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized.

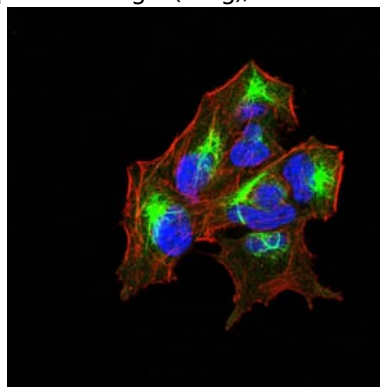
研究领域 (Research Area)

Apoptosis

图片 (Image Data)

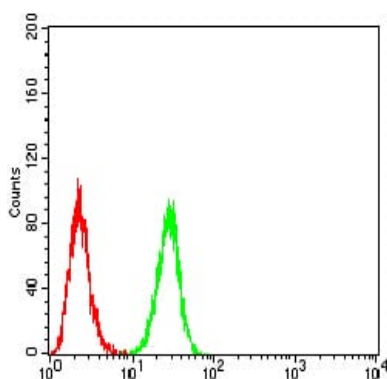


Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



Immunofluorescence analysis of HeLa cells using ERBB4 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

产品名称: ERBB4 Mouse Monoclonal Antibody
产品货号: AMM81495



Flow cytometric analysis of Hela cells using ERBB4 mouse mAb (green) and negative control (red).

注意事项 (Note)

For research use only .