

产品名称: ErbB3 (HER3) (15E6) Rabbit Monoclonal Antibody
产品货号: AMRe10569



产品概述 (Summary)

产品名称 (Production Name)	ErbB3 (HER3) (15E6) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,FC,IF-P
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
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)	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% protective protein.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ERBB3
别名 (Alternative Names)	ERB3, ERBB3, HER3, c-erbB3, kinase ErbB3
基因 ID (Gene ID)	2065.0
蛋白 ID (SwissProt ID)	P21860.A synthetic peptide of human ErbB 3

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:100,FC 1:20-1:50,IF-P 1:50-1:100
蛋白分子量 (Molecular Weight)	148kDa

研究背景 (Background)

This membrane-bound protein has a neuregulin binding domain but not an active kinase domain. It therefore can bind this

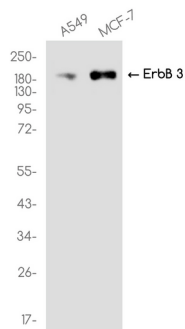
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ligand but not convey the signal into the cell through protein phosphorylation. However, it does form heterodimers with other EGF receptor family members which do have kinase activity. Heterodimerization leads to the activation of pathways which lead to cell proliferation or differentiation. Tyrosine-protein kinase that plays an essential role as cell surface receptor for neuregulins. Binds to neuregulin-1 (NRG1) and is activated by it; ligand-binding increases phosphorylation on tyrosine residues and promotes its association with the p85 subunit of phosphatidylinositol 3-kinase (PubMed:20682778). May also be activated by CSPG5 (PubMed:15358134). Involved in the regulation of myeloid cell differentiation (PubMed:27416908).

研究领域 (Research Area)

ErbB_HER;Calcium;Endocytosis;

图片 (Image Data)



Western blot detection of ErbB 3 in A549,MCF-7 cell lysates using ErbB 3 antibody(1:1000 diluted).

注意事项 (Note)

For research use only .