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# ErbB 4 Rabbit mAb

货号: **AYM28480**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB ICC FC IP
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>ICC:</b> 1:50 - 1:200 <b>FC:</b> 1:20 - 1:50 <b>IP:</b> 1:20 - 1:50
理论分子量	143kDa/145kDa/146kDa
实测分子量	160kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	A-431
细胞定位	Cell membrane,Mitochondrion,Nucleus,Single-pass type I membrane protein
纯化	Affinity purification

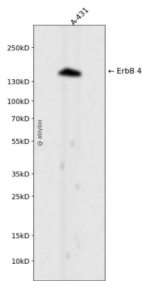
## 抗原信息

抗原信息	Recombinant fusion protein corresponding to Human ErbB 4.
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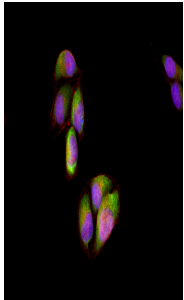
## 靶点信息

研究背景	This gene is a member of the Tyr protein kinase family and the epidermal growth factor receptor subfamily. It encodes a 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.
基因ID	2066
基因名	ERBB4
Swiss	Q15303 ( <a href="https://www.uniprot.org/uniprotkb/Q15303/entry">https://www.uniprot.org/uniprotkb/Q15303/entry</a> )
别名	ErbB 4,ERBB4_HUMAN,HER 4,HER4,human epidermal growth factor receptor 4,Mer4,MGC138404,Oncogene ERBB4,p180erbB4,Proto-oncogene-like protein c-ErbB-4,Receptor protein tyrosine kinase erbB 4 precursor,Receptor tyrosine protein kinase erbB 4,s80HER4,Tyrosine kinase type cell surface receptor HER4,Tyrosine kinase-type cell surface receptor HER4,ErbB 4 Rabbit mAb,ERBB4

## 产品验证



Western blot analysis of ErbB 4 expressed in A-431 using ErbB 4 Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.



The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab ErbB 4 and Rabbit actin for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-rabbit IgG(H+L) Ab(Green) were used. The nuclear counter stain is DAPI.

## 实验步骤

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