

产品名称: ERBB3 Mouse Monoclonal Antibody  
产品货号: AMM80758



## 产品概述 (Summary)

|                        |                                 |
|------------------------|---------------------------------|
| 产品名称 (Production Name) | ERBB3 Mouse Monoclonal Antibody |
| 描述 (Description)       | Mouse monoclonal Antibody       |
| 宿主 (Host)              | Mouse                           |
| 应用 (Application)       | ICC,ELISA                       |
| 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)       | PBS containing 0.03% sodium azide.                                                       |
| 纯化方式 (Purification) | Affinity Purification                                                                    |

## 免疫原信息 (Immunogen)

|                        |                                                                                                                                |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| 基因名 (Gene Name)        | ERBB3                                                                                                                          |
| 别名 (Alternative Names) | HER3; c-erbB3                                                                                                                  |
| 基因 ID (Gene ID)        | 2065.0                                                                                                                         |
| 蛋白 ID (SwissProt ID)   | P21860. Purified recombinant extracellular fragment of human ERBB3 (aa22-369) fused with hIgGFc tag expressed in HEK293 cells. |

## 产品应用 (Application)

|                          |                                        |
|--------------------------|----------------------------------------|
| 稀释比 (Dilution Ratio)     | ICC 1:200-1:1000, ELISA 1:5000-1:20000 |
| 蛋白分子量 (Molecular Weight) | 148kDa                                 |

## 研究背景 (Background)

ERBB3, v-erb-b2 erythroblastic leukemia viral oncogene homolog 3 (avian). It is a member of the epidermal growth factor

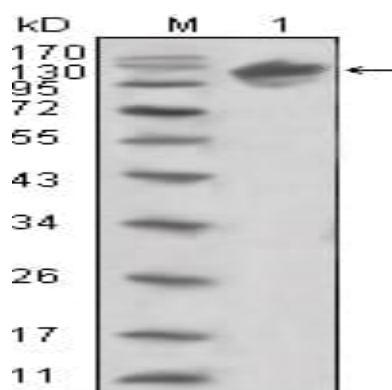
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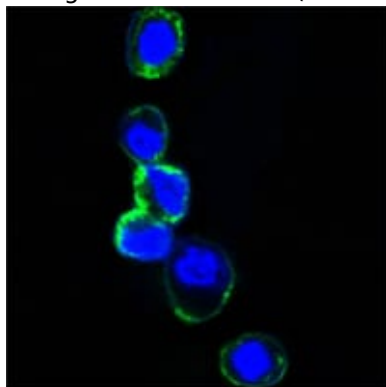
receptor (EGFR) family of receptor tyrosine kinases. This membrane-bound protein has a neuregulin binding domain but not an active kinase domain. It therefore can bind this ligand but not convey the signal into the cell through protein phosphorylation. However, it does form heterodimers with other EGF receptor family members which do have kinase activity. Heterodimerization leads to the activation of pathways which lead to cell proliferation or differentiation. Amplification of this gene and/or overexpression of its protein have been reported in numerous cancers, including prostate, bladder, and breast tumors. Alternate transcriptional splice variants encoding different isoforms have been characterized. One isoform lacks the intermembrane region and is secreted outside the cell. This form acts to modulate the activity of the membrane-bound form. Additional splice variants have also been reported, but they have not been thoroughly characterized.

## 研究领域 (Research Area)

## 图片 (Image Data)



Western blot analysis using ERBB3 mouse mAb against human ERBB3 (aa22-369)-hIgGFc trasfected HEK293 cell lysate (1).



Confocal Immunofluorescence analysis of HEK293 cells trasfected with extracellular ERBB3 (aa22-369)-hIgGFc using ERBB3 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.

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**注意事项 (Note)**

For research use only .