

**产品名称:** HER2 (Phospho Tyr1221/1222) Rabbit Monoclonal Antibody  
**产品货号:** AMRe21108



## 产品概述 (Summary)

|                        |                                                        |
|------------------------|--------------------------------------------------------|
| 产品名称 (Production Name) | HER2 (Phospho Tyr1221/1222) Rabbit Monoclonal Antibody |
| 描述 (Description)       | Recombinant rabbit monoclonal antibody                 |
| 宿主 (Host)              | Rabbit                                                 |
| 应用 (Application)       | WB, ICC/IF, ELISA, IP                                  |
| 种属反应性 (Reactivity)     | Human                                                  |

## 产品性能 (Performance)

|                     |                                                                                          |
|---------------------|------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Phospho                                                                                  |
| 修饰 (Modification)   | Phosphorylated                                                                           |
| 同种型 (Isotype)       | IgG, Kappa                                                                               |
| 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, 50% glycerol, 0.05% Proclin 300, 0.05% protective protein                           |
| 纯化方式 (Purification) | Protein A                                                                                |

## 免疫原信息 (Immunogen)

|                        |                                                                                                                                             |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| 基因名 (Gene Name)        | ERBB2<br>Receptor tyrosine-protein kinase erbB-2; Metastatic lymph node gene 19                                                             |
| 别名 (Alternative Names) | protein; MLN 19; Proto-oncogene Neu; Proto-oncogene c-ErbB-2; Tyrosine kinase-type cell surface receptor HER2; p185erbB2; CD antigen CD340; |
| 基因 ID (Gene ID)        | 2064.0                                                                                                                                      |
| 蛋白 ID (SwissProt ID)   | P04626.                                                                                                                                     |

## 产品应用 (Application)

|                          |                                                                             |
|--------------------------|-----------------------------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:2000-1:10000, ICC/IF 1:200-1:1000, ELISA 1:5000-1:20000, IP 1:50-1:200 |
| 蛋白分子量 (Molecular Weight) | Calculated MW: 138kD; Observed MW: 185kD                                    |

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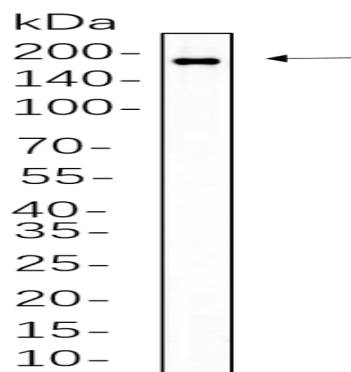
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### 研究背景 (Background)

Cell localization:Membrane.This gene encodes a member of the epidermal growth factor (EGF) receptor family of receptor tyrosine kinases. This protein has no ligand binding domain of its own and therefore cannot bind growth factors. However, it does bind tightly to other ligand-bound EGF receptor family members to form a heterodimer, stabilizing ligand binding and enhancing kinase-mediated activation of downstream signalling pathways, such as those involving mitogen-activated protein kinase and phosphatidylinositol-3 kinase. Allelic variations at amino acid positions 654 and 655 of isoform a (positions 624 and 625 of isoform b) have been reported, with the most common allele, Ile654/Ile655, shown here. Amplification and/or overexpression of this gene has been reported in numerous cancers, including breast and ovarian tumors. Alternative splicing results in several additional transcript variants, some encoding d

### 研究领域 (Research Area)

### 图片 (Image Data)



SK-BR-3 whole cell lysates were separated by 10% SDS-PAGE, and the membrane was blotted with primary antibody(1:1000).  
The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

### 注意事项 (Note)

For research use only .