

## PHOSPHO-ERBB 2 (TYR1221/TYR1222) RABBIT PAB

货号: N225418

产品全名: Phospho-ErbB 2 (Tyr1221/Tyr1222) 兔多抗

基因符号 ERBB2; HER2; MLN19; NEU; NGL; Receptor tyrosine-protein kinase erbB-2; Metastatic lymph node gene 19 protein; MLN 19; Proto-oncogene Neu; Proto-oncogene c-ErbB-2; Tyrosine kinase-type cell surface receptor HER2; p185erbB2; CD antigen CD340

**UNIPROT ID:** P04626

**背景:** 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.

**抗原:** The antiserum was produced against synthesized peptide derived from human HER2 around the phosphorylation site of Tyr1221/Tyr1222. AA range:1191-1240

**经过测试的应用:** WB,IHC-P,IP,ELISA

**推荐稀释比:** WB: 1/500-1/1000 IHC: 1/50-1/100 IP: 1/20 ELISA: 1/10000

**种属反应性:** Rabbit

**克隆性:** Rabbit Polyclonal

**分子量:** Calculated MW: 138 kDa; Observed MW: 180 kDa

**亚型:** IgG

**纯化:** Affinity Chromatography

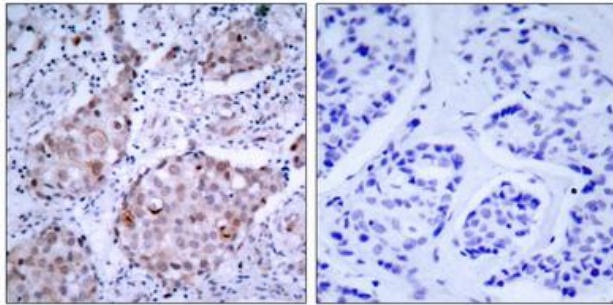
**种属反应性:** Human, Mouse and Rat

**Modification:** Phosphorylated

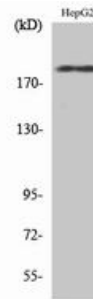
**成分:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**研究领域:** Cancer

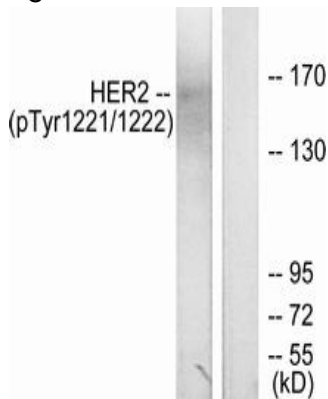
**储存和运输:** Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin-embedded Human breast carcinoma, using HER2 (Phospho-Tyr1221/Tyr122, 2) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Sample with blocking peptide on the right.



Western blot analysis of Phospho-ErbB 2 (Tyr1221/Tyr1222) in various lysates using Phospho-ErbB 2 (Tyr1221/Tyr1222) antibody.



Western blot analysis of Phospho-ErbB 2 (Tyr1221/Tyr1222) in SKOV-3 lysates treated with EGF, using HER2 (Phospho-Tyr1221/Tyr122, 2) antibody. The lane on the right is blocked with the Phospho-peptide.