

## 兔抗 ERBB2 多克隆抗体

中文名称: 兔抗 ERBB2 多克隆抗体

英文名称: Anti-ERBB2 rabbit polyclonal antibody

别 名: NEU; NGL; HER2; TKR1; CD340; HER-2; MLN 19; HER-2/neu

相关类别: 一抗

储 存: 冷冻(-20℃)

宿 主: Rabbit

抗 原: ERBB2

反应种属: Human, Mouse, Rat

标 记 物: Unconjugate

克隆类型: rabbit polyclonal

#### 技术规格

Background:

The ErbB2 (HER2) proto-oncogene encodes a 185 kDa tra nsmembrane, receptor-like glycoprotein with intrinsic tyrosi ne kinase activity. While ErbB2 lacks an identified ligand, E rbB2 kinase activity can be activated in the absence of a ligand when overexpressed and through heteromeric associ ations with other ErbB family members. Amplification of t he ErbB2 gene and overexpression of its product are detected in almost 40% of human breast cancers. Binding of t he c-Cbl ubiquitin ligase to ErbB2 at Tyr1112 leads to ErbB2 poly-ubiquitination and enhances degradation of this ki nase. ErbB2 is a key therapeutic target in the treatment of breast cancer and other carcinomas and targeting the regulation of ErbB2 degradation by the c-Cbl-regulated prote olytic pathway is one potential therapeutic strategy. Phosp

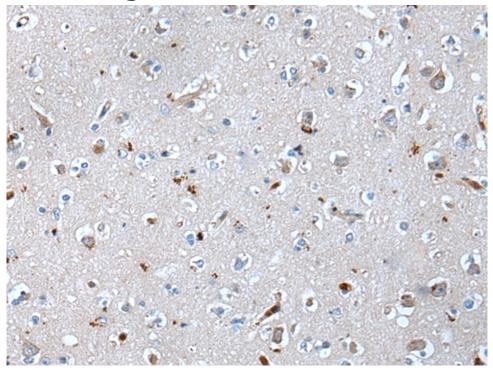


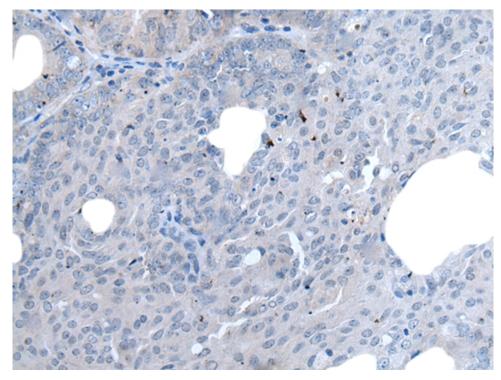
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	horylation of the kinase domain residue Tyr877 of ErbB2 (homologous to Tyr416 of pp60c-Src) may be involved in regulating ErbB2 biological activity. The major autophosphorylation sites in ErbB2 are Tyr1248 and Tyr1221/1222; phosphorylation of these sites couples ErbB2 to the Ras-Raf-MAP kinase signal transduction pathway.
Applications:	ELISA, WB, IHC
Name of antibody:	ERBB2
Immunogen:	Synthetic peptide of human ERBB2
Full name:	erb-b2 receptor tyrosine kinase 2
Synonyms:	NEU; NGL; HER2; TKR1; CD340; HER-2; MLN 19; HER-2/ne u
SwissProt:	P04626
<b>ELISA Recommended dilution:</b>	5000-10000
IHC positive control:	Human brain and human ovarian cancer
IHC Recommend dilution:	20-100
WB Predicted band size:	138 kDa
WB Positive control:	231 and Hela cell lysates
WB Recommended dilution:	200-1000

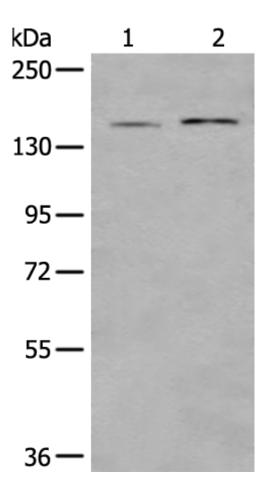


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