

**产品名称:** ErbB2 (HER2) (4J7) Rabbit Monoclonal Antibody

**产品货号:** AMRe10568

## 产品概述 (Summary)

<b>描述(Description)</b>	Recombinant rabbit monoclonal antibody
<b>宿主(Host)</b>	Rabbit
<b>应用(Application)</b>	WB,IHC,ICC/IF,FC,IP
<b>种属反应(Reactivity)</b>	Human,Mouse,Rat
<b>偶联物(Conjugation)</b>	Unconjugated
<b>修饰(Modification)</b>	Unmodified
<b>同种型(Isotype)</b>	IgG
<b>克隆(Clonality)</b>	Monoclonal
<b>剂型(Form)</b>	Liquid
<b>保存条件(Storage)</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>储存溶液(Buffer)</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>纯化 (Purification)</b>	Affinity purification

## 产品应用(Application)

<b>稀释比(Dilution Ratio)</b>	WB 1:500-1:2000,IHC 1:500-1:2000,ICC/IF 1:100-1:200,FC 1:50-1:100,IP 1:20-1:50
<b>分子量(Molecular Weight)</b>	138kDa

## 抗原信息(Antigen Information)

<b>基因名(Gene Name)</b>	ERBB2
<b>别名(Alternative Names)</b>	C-erbB-2; ErbB2; HER2, MLN 19; NEU; NEU proto-oncogene; NGL; Receptor protein-tyrosine kinase erbB-2;
<b>基因 ID(Gene ID)</b>	2064.0
<b>SwissProt ID</b>	P04626
<b>免疫原(Immunogen)</b>	A synthetic peptide of human ErbB 2

## 研究背景 (Background)

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. Protein tyrosine kinase that is part of several cell surface receptor complexes, but that apparently needs a coreceptor for ligand binding. Essential component of a neuregulin-receptor complex, although neuregulins do not interact with it alone. GP30 is a potential ligand for this receptor. Regulates outgrowth and stabilization of peripheral microtubules (MTs). Upon ERBB2 activation, the MEMO1-RHOA-DIAPH1 signaling pathway elicits the phosphorylation and thus the inhibition of GSK3B at cell membrane. This prevents the phosphorylation of APC and CLASP2, allowing its association with the cell membrane. In turn, membrane-bound APC allows the localization of MACF1 to the cell membrane, which is required for microtubule capture and stabilization.

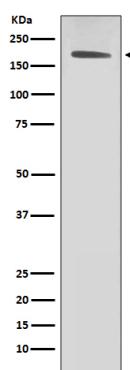
## 研究领域 (Research Area)

Cancer

## 注意事项 (Note)

For research use only.

## 图片 (Image Data)



Western blot analysis of ErbB2 (HER2) expression in SKBR-3 cell lysate.



### EnkiLife 优势产品推荐

产品类别	产品货号	产品名称
WB 解决方案	RA10020	2h 极速 WB 即用型全流程试剂盒
	RA10021	4h 快速 WB 即用型全流程试剂盒
	RA10042	5h 畅享版 WB 全流程试剂盒
	RA10037	校准级彩色预染蛋白 Marker (8-180kDa)
	RA10038	校准级彩色预染蛋白 Marker (10-250kDa)
	RA10039	校准级高分子彩色预染蛋白 Marker (25-400kDa)
TSA 多重荧光染色试剂盒	RA10008	TSA 双标三色多重荧光染色试剂盒 (miIHC)
	RA10009	TSA 三标四色多重荧光染色试剂盒 (miIHC)
	RA10010	TSA 四标五色多重荧光染色试剂盒 (miIHC)
	RA10011	TSA 五标六色多重荧光染色试剂盒 (miIHC)
	RA10012	TSA 六标七色多重荧光染色试剂盒 (miIHC)
IHC 检测试剂盒	RA10006	HRP Anti-Mouse/Rabbit IHC Detection System
	RA10007	Polymer-HRP Anti-Mouse/Rabbit IHC Detection System
抗体标记试剂盒	RE80004p	辣根过氧化物酶(HRP)抗体标记试剂盒
	RE80002q	Sulfo-NHS-生物素标记试剂盒
	RE80007p	Cy3 荧光素标记试剂盒
	RE80011p	Fluor488 荧光素标记试剂盒
	RE80017p	Fluor750 荧光素标记试剂盒
	RE80005p	藻红蛋白(R-PE) 抗体快速标记试剂盒
	RE80040	PE-Cy7 串联染料抗体快速标记试剂盒
稳转细胞系构建服务 (免费赠送全膜 WB 验证)	TS-0001	过表达稳转细胞系构建
	TS-0002	敲低稳转细胞系构建
	TS-0003	敲除细胞系构建

限于篇幅, 更多产品详见官网: <https://www.enkilife.cn>