ErbB2(Phospho Y1221+Y1222)(11Z13) Rabbit Monoclonal Antibody

产品详情

产品货号	产品名称	储存条件	保质期
IM37063	ErbB2(Phospho Y1221+Y1222)(11Z13)Rabbit Monoclonal Antibody	-20℃	1 年

产品概述：

产品货号	IM37063
别名	CD340;CerbB2;Erb b2 receptor tyrosine kinase 2;ERBB2;HER2; Herstatin;Human epidermal growth factor receptor 2;MLN19;NEU;NGL; Proto-oncogene Neu;Receptor tyrosine-protein kinase erbB-2; Tyrosine kinase type cell surface receptor HER2;V erb b2 avian erythroblastic leukemia viral oncogene homolog 2;V erb b2 avian erythroblastic leukemia viral oncoprotein 2.
产品名称	ErbB2(Phospho Y1221+Y1222)(11Z13)Rabbit Monoclonal Antibody
纯度	Affinity-chromatography
类别	抗体产品
基因名称	ERBB2
蛋白名称	HER2,MLN19,NEU,NGL
推荐应用	WB
反应种属	Human
存储缓冲液	Supplied in 50mM Tris-Glycine(pH 7.4),0.15M NaCl,40%Glycerol,0.01% New type preservative N and 0.05% BSA.

Human Gene ID	2064
Human Swissprot No.	P04626
免疫原	A synthetic phosphopeptide corresponding to residues surrounding Tyr1221/Tyr1222 of human ErbB 2
稀释度	WB 1:1000-1:5000
参考分子量	185kDa
预测分子量	138kDa
运输及保存条件	Biological ice bag transportation.Store at -20℃ for at least 12 months(Do not lower than 25℃).Avoid freeze/thaw cycles.
宿主	Rabbit
同种型	IgG
注意事项	Phospho-ErbB2(Y1221+Y1222)Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
组织表达	Expressed in a variety of tumor tissues including primary breast tumors and tumors from small bowel,esophagus,kidney and mouth.
细胞定位	[Isoform 1]:Cell membrane;Single-pass type I membrane protein Early endosome.Cytoplasm,perinuclear region.Nucleus.Note=Translocation to the nucleus requires endocytosis,probably endosomal sorting and is mediated by importin beta-1/KPNB1.Also detected in VPS35-positive endosome-to-TGN retrograde vesicles(PubMed:31138794).[Isoform 3]: Cytoplasm.Nucleus.
功能	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

功能	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.
Clonality	Monoclonal

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