

EGFR(Phospho Y869)(8P13) Rabbit Monoclonal Antibody



产品详情

产品货号	产品名称	储存条件	保质期
IM37065	EGFR(Phospho Y869) (8P13) Rabbit Monoclonal Antibody	-20℃	1 年

产品概述:

产品货号	IM37065
别名	EGFR; ERBB; ERBB1; Errp; HER1; mENA; NISBD2; PIG61; SA7; wa2; Wa5.
产品名称	EGFR(Phospho Y869) (8P13) Rabbit Monoclonal Antibody
纯度	Affinity-chromatography
类别	抗体产品
基因名称	EGFR
蛋白名称	ERBB, ERBB1, HER1
推荐应用	WB, IF-ICC
反应种属	Human
存储缓冲液	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4℃ short term. Store at -20℃ long term. Avoid freeze/thaw cycle.
Human Gene ID	1956
Human Swissprot No.	P00533

稀释度	WB 1:1000-1:2000, IF-ICC 1:50-1:200
参考分子量	175kDa
预测分子量	134kDa
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-EGFR(Y869) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
组织表达	Ubiquitously expressed.Isoform 2 is also expressed in ovarian cancers.
细胞定位	Cell membrane;Single-pass type I membrane protein.Endoplasmic reticulum membrane;Single pass type I membrane protein.Golgi apparatus membrane;Single-pass type I membrane protein.Nucleus membrane;Single-pass type I membrane protein Endosome Endosome membrane.Nucleus.Note=In response to EGF, translocated from the cell membrane to the nucleus via Golgi and ER(PubMed:20674546, PubMed:17909029).Endocytosed upon activation by ligand (PubMed:2790960, PubMed:17182860, PubMed:27153536, PubMed:17909029).Colocalized with GPER1 in the nucleus of estrogen agonist-induced cancer-associated fibroblasts(CAF) (PubMed:20551055)
功能	Receptor tyrosine kinase binding ligands of the EGF family and activating several signaling cascades to convert extracellular cues into appropriate cellular responses (PubMed:2790960, PubMed:10805725, PubMed:27153536).Known ligands include EGF, TGFA/

功能	TGF-α, AREG, epigen/EPGN, BTC/betacellulin, epiregulin/EREG and HBEGF/heparin-binding EGF (PubMed:2790960, PubMed:7679104, PubMed:8144591, PubMed:9419975, PubMed:15611079, PubMed:12297049, PubMed:27153536, PubMed:20837704, PubMed:17909029). Ligand binding triggers receptor homo-and/or heterodimerization and autophosphorylation on key cytoplasmic residues. The phosphorylated receptor recruits adapter proteins like GRB2 which in turn activates complex downstream signaling cascades. Activates at least 4 major downstream signaling cascades including the RAS-RAF-MEK-ERK, PI3 kinase-AKT, PLCgamma-PKC and STATs modules (PubMed:27153536). May also activate the NF-kappa-B signaling cascade (PubMed:11116146). Also directly phosphorylates other proteins like RGS16, activating its GTPase activity and probably coupling the EGF receptor signaling to the G protein-coupled receptor signaling (PubMed:11602604). Also phosphorylates MUC1 and increases its interaction with SRC and CTNNB1/beta-catenin (PubMed:11483589). Positively regulates cell migration via interaction with CCDC88A/GIV which retains EGFR at the cell membrane following ligand stimulation, promoting EGFR signaling which triggers cell migration (PubMed:20462955). Plays a role in enhancing learning and memory performance (By similarity).
Clonality	Monoclonal

注意事项:

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英普特	IM10180	彩色预染标准分子量蛋白 Marker(10-180KD)(三色)
英普特	IM35371	DDX58(15B14)Rabbit Monoclonal Antibody
英普特	IM34126	Caveolin-1(16G7)Rabbit Monoclonal Antibody
英普特	IM36924	AER61(11Q1)Rabbit Monoclonal Antibody
英普特	IM38639	GLS Rabbit Polyclonal Antibody(C-Term)
英普特	IM54582	NET-5 Rabbit Polyclonal Antibody
英普特	IM33108	Ubiquitin K63(17N13)Rabbit Monoclonal Antibody

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第 4 页 共 4 页



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