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Phospho-EGFR (Y1173) Rabbit mAb

货号: AYM28511

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC ICC IP
推荐浓度	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:200 **ICC:** 1:50 - 1:200 **IP:** 1:20 - 1:50
理论分子量	44kDa/69kDa/77kDa/134kDa
实测分子量	175kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Mouse brain,Rat brain
细胞定位	Cell membrane,Endoplasmic reticulum membrane,Endosome,Endosome membrane,Golgi apparatus membrane,Nucleus membrane,Nucleus,Secreted,Single-pass type I membrane protein
纯化	Affinity purification

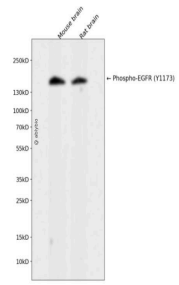
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Phospho-EGFR (Y1173).

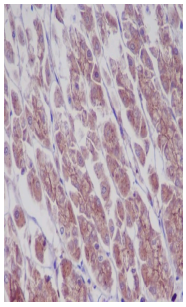
靶点信息

研究背景	The protein encoded by this gene is a transmembrane glycoprotein that is a member of the protein kinase superfamily. This protein is a receptor for members of the epidermal growth factor family. EGFR is a cell surface protein that binds to epidermal growth factor. Binding of the protein to a ligand induces receptor dimerization and tyrosine autophosphorylation and leads to cell proliferation. Mutations in this gene are associated with lung cancer.
基因ID	1956
基因名	EGFR
Swiss	P00533 (https://www.uniprot.org/uniprotkb/P00533/entry)
别名	Phospho-EGFR (Y1173),Phospho-EGFR (Y1173) Rabbit mAb,EGFR,Proto-oncogene c-ErbB-1,Receptor tyrosine-protein kinase erbB-1,ERBB,ERBB1,HER1

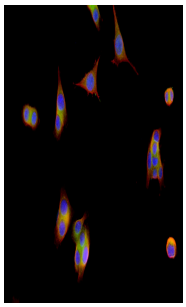
产品验证



Western blot analysis of Phospho-EGFR (Y1173) expressed in Mouse brain,Rat brain using Phospho-EGFR (Y1173) Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.



Immunohistochemical analysis of paraffin-embedded rat stomach, using Phospho-EGFR (Y1197) Antibody.



The samples were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab Phospho-EGFR (Y1173) and Rabbit actin for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat.The nuclear counter stain is DAPI.

实验步骤

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