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Phospho-Erk1 (T202/Y204) + Erk2 (T185/Y187) Rabbit mAb

货号: AYM28494

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC ICC FC
推荐浓度	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:200 **ICC:** 1:50 - 1:200 **FC:** 1:20 - 1:50
理论分子量	38kDa/40kDa/43kDa
实测分子量	42kDa/44kDa
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	DU145,HeLa,293T
细胞定位	Cytoplasm,Nucleus
纯化	Affinity purification

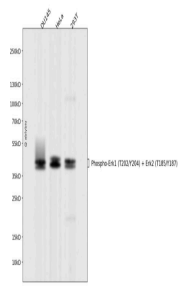
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Phospho-Erk1 (T202/Y204) + Erk2 (T185/Y187).

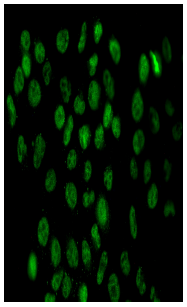
靶点信息

研究背景	The protein encoded by this gene is a member of the MAP kinase family. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act in a signaling cascade that regulates various cellular processes such as proliferation, differentiation, and cell cycle progression in response to a variety of extracellular signals. This kinase is activated by upstream kinases, resulting in its translocation to the nucleus where it phosphorylates nuclear targets. Alternatively spliced transcript variants encoding different protein isoforms have been described.
基因ID	5595
基因名	MAPK3
Swiss	P27361 (https://www.uniprot.org/uniprotkb/P27361/entry)
别名	Phospho-Erk1 (T202/Y204) + Erk2 (T185/Y187),ERK 1,ERK,ERK-1,ERK1,ERT 2,ERT2,Extracellular Signal Regulated Kinase 1,Extracellular signal related kinase 1,Extracellular signal-regulated kinase 1,HGNC6877,HS44KDAP,HUMKER1A,Insulin Stimulated MAP2 Kinase,Insulin-stimulated MAP2 kinase,MAP kinase 1,MAP kinase 3,MAP Kinase,MAP kinase isoform p44,MAPK 1,MAPK 3,MAPK,MAPK1,Mapk3,Microtubule-associated protein 2 kinase,Mitogen Activated Protein Kinase 3,Mitogen-activated protein kinase 1,Mitogen-activated protein kinase 3,MK03_HUMAN,p44 ERK1,p44 MAPK,p44-ERK1,p44-MAPK,P44ERK1,P44MAPK,PRKM 3,PRKM3,Protein Kinase Mitogen Activated 3,ERK 2,ERK-2,ERT1,Extracellular Signal Regulated Kinase 2,Extracellular signal-regulated kinase 2,MAP kinase 2,MAP kinase isoform p42,MAPK 2,MAPK2,Mitogen-activated protein kinase 2,MK01_HUMAN,p42-MAPK,P42MAPK,PRKM1,PRKM2,Phospho-Erk1 (T202/Y204) + Erk2 (T185/Y187) Rabbit mAb

产品验证



Western blot analysis of Phospho-Erk1 (T202/Y204) + Erk2 (T185/Y187) expressed in DU145,HeLa,293T using Phospho-Erk1 (T202/Y204) + Erk2 (T185/Y187) 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.



Immunofluorescence analysis of HeLa cells labelling Phospho-Erk1 (T202/Y204) + Erk2 (T185/Y187) with . The cells were fixed with cold 100% methanol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with Goat Anti-Rabbit IgG Fluor 488 (1:200，shown in green) at room temprature for 1h.

实验步骤

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