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ERK 1/2 Mouse mAb

货号: AYT1084

产品信息

反应	Human,Mouse,Rat
宿主	Mouse
克隆性	Monoclonal
预测反应	
应用	WB IHC ICC/IF
推荐浓度	**WB 1:500-2000:** **IHC 1:100-500;:** **IF 1:100-500;:**
理论分子量	44kD,42kD
实测分子量	44kD,42kD
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	无明确组织表达
细胞定位	Cytoplasmic , Nuclear
纯化	

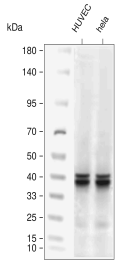
抗原信息

抗原信息	Affinity purification

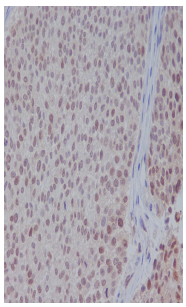
靶点信息

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	5594;5595;
基因名	MAPK1/MAPK3
Swiss	P27361 (https://www.uniprot.org/uniprotkb/P27361/entry), P28482 (https://www.uniprot.org/uniprotkb/P28482/entry)
别名	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; MGC20180; Microtubule Associated Protein 2 Kinase; Microtubule-associated protein 2 kinase; Mitogen Activated Protein Kinase 3; Mitogen-activated protein kinase 1; Mitogen-activated protein kinase 3; MK03_HUMAN; OTTHUMP00000174538; OTTHUMP00000174541; p44 ERK1; p44 MAPK; p44-ERK1; p44-MAPK; P44ERK1; P44MAPK; PRKM 3; PRKM3; Protein Kinase Mitogen Activated 3; ERK 2; ERK; ERK-2; ERT1; Extracellular Signal Regulated Kinase 2; Extracellular signal-regulated kinase 2; MAP kinase 1; MAP kinase 2; MAP kinase isoform p42; MAPK 1; MAPK 2; Mapk1; MAPK2; Mitogen-activated protein kinase 1; Mitogen-activated protein kinase 2; MK01_HUMAN; P38; P40; P41; p42-MAPK; P42MAPK; PRKM1; PRKM2; protein kinase, mitogen-activated, 1; protein kinase, mitogen-activated, 2; protein tyrosine kinase ERK2;

产品验证



Western blot analysis of extracts from HUVEC，hela cells using ERK 1/2 Mouse mAb at 1:1000.



Immunohistochemical analysis of paraffin-embedded human bladder, using ERK1 Mouse Antibody.，1：100

实验步骤

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