

产品名称: MAPK3 Mouse Monoclonal Antibody
产品货号: AMM81034



产品概述 (Summary)

产品名称 (Production Name)	MAPK3 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ICC,ELISA,FC
种属反应性 (Reactivity)	Human,Mouse,Rat,Monkey

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG1
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Purified antibody in PBS with 0.05% sodium azide.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	MAPK3
别名 (Alternative Names)	ERK1; PRKM3; P44ERK1; P44MAPK; HS44KDAP; HUMKER1A; MGC20180
基因 ID (Gene ID)	5595.0
蛋白 ID (SwissProt ID)	P27361.Purified recombinant fragment of human MAPK3 expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:200-1:1000,ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	44kDa

研究背景 (Background)

The protein encoded by this gene is a member of the MAP kinase family. MAP kinases, also known as extracellular signal-

产品名称: MAPK3 Mouse Monoclonal Antibody
产品货号: AMM81034

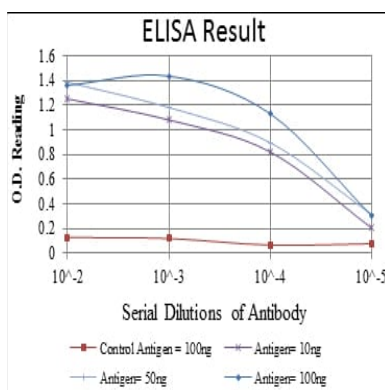


regulated kinases (ERKs), act in a signaling cascade that regulates various cellular processes such as proliferation, differentiation, and cell cycle progression in response to a variety of extracellular signals. This kinase is activated by upstream kinases, resulting in its translocation to the nucleus where it phosphorylates nuclear targets. Alternatively spliced transcript variants encoding different protein isoforms have been described.

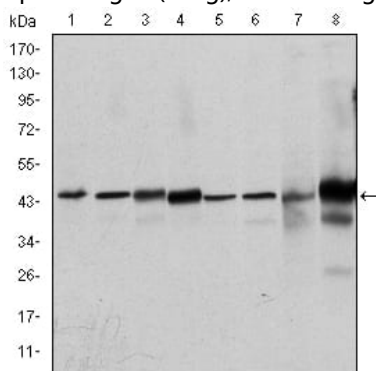
研究领域 (Research Area)

Apoptosis, TGF-beta signaling pathway, PI3K-Akt signaling pathway, mTOR signaling pathway, MAPK signaling pathway, Jak-STAT signaling pathway

图片 (Image Data)

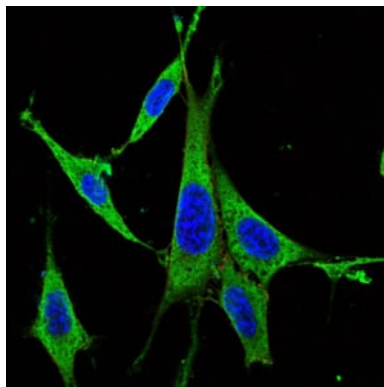


Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);

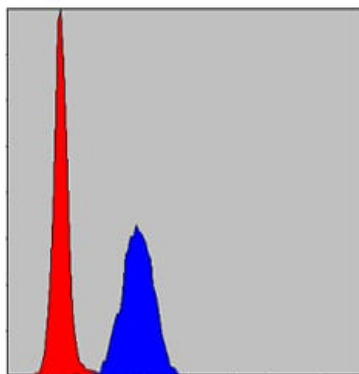


Western blot analysis using MAPK3 mouse mAb against HeLa (1), Jurkat (2), RAW264.7 (3), HEK293 (4), K562 (5), NIH/3T3 (6), Cos7 (7) and PC-12 (8) cell lysate.

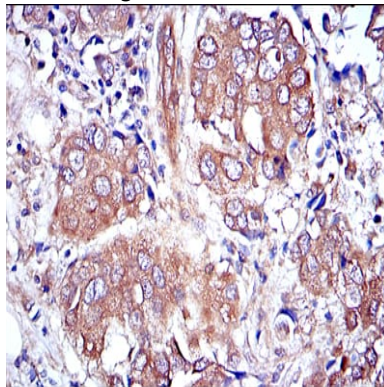
产品名称: MAPK3 Mouse Monoclonal Antibody
产品货号: AMM81034



Immunofluorescence analysis of NIH/3T3 cells using MAPK3 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

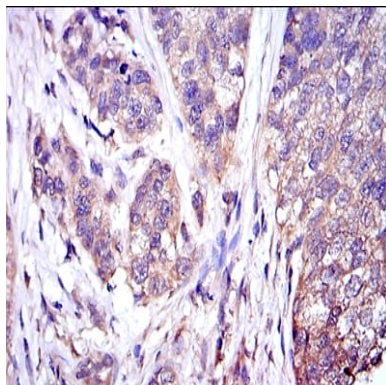


Flow cytometric analysis of Hela cells using MAPK3 mouse mAb (blue) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissues using MAPK3 mouse mAb with DAB staining.

产品名称: MAPK3 Mouse Monoclonal Antibody
产品货号: AMM81034



Immunohistochemical analysis of paraffin-embedded human bladder cancer tissues using MAPK3 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .