

ERK 1/2 (PTR1327) mouse mAb

货号	YP-Ab-17832
同位型	IgG
应用	WB
种属	Human; Mouse; Rat
靶点	ERK 1/2
简介	>>EGFR tyrosine kinase inhibitor resistance;>>Endocrine resistance;>>Platinum drug resistance;>>MAPK signaling pathway;>>ErbB signaling pathway;>>Ras signaling pathway;>>Rap1 signaling pathway;>>cGMP-PKG signaling pathway;>>cAMP signaling pathway;>>Chemokine signaling pathway;>>HIF-1 signaling pathway;>>FoxO signaling pathway;>>Sphingolipid signaling pathway;>>Phospholipase D signaling pathway;>>Oocyte meiosis;>>Autophagy - animal;>>mTOR signaling pathway;>>PI3K-Akt signaling pathway;>>Apoptosis;>>Cellular senescence;>>Adrenergic signaling in cardiomyocytes;>>Vascular smooth muscle contraction;>>TGF-beta signaling pathway;>>Axon guidance;>>VEGF signaling pathway;>>Apelin signaling pathway;>>Osteoclast differentiation;>>Focal adhesion;>>Adherens junction;>>Gap junction;>>Signaling pathways regulating pluripotency of stem cells;>>Platelet activation;>>Neutrophil extracellular trap formation;>>Toll-like receptor signaling pathway;>>NOD-like receptor signaling pathway;>>C-type lectin recep
基因名称	MAPK1/MAPK3
蛋白名称	Mitogen-activated protein kinase 3
免疫原	Synthesized peptide derived from human protein. AA range: 150-250
特异性	This antibody detects endogenous levels of ERK 1/2 at Human, mouse, rat
组成	Liquid in PBS containing 50% glycerol, and 0.05% proclin 300.
来源	Monoclonal, Mouse IgG1,kappa
稀释	WB 1:500-2000
纯化工艺	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
实测条带	42+44kD
功能	Serine/threonine kinase which acts as an essential component of the MAP kinase signal transduction pathway. MAPK1/ERK2 and MAPK3/ERK1 are the 2 MAPKs which play an important role in the MAPK/ERK cascade. They participate also in a signaling cascade initiated by activated KIT and KITLG/SCF. Depending on the cellular context, the MAPK/ERK cascade mediates diverse biological functions such as cell growth, adhesion, survival and differentiation through the regulation

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38-44 kDa

43 kDa

