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ERK1/2 Antibody

Rabbit mAb
Catalog # AP90490

Product Information

Application	WB, IF, FC, ICC, IP
Primary Accession	P27361/P28482
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	ERK-1, Insulin-stimulated MAP2 kinase, MAP kinase 1, MAPK 1, p44-ERK1, ERT2, p44-MAPK, ERK-1,
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	42 KDa

Additional Information

Dilution	WB 1:500~1:2000 ICC/IF 1:50~1:200 IP 1:50 FC 1:200
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human ERK1/2
Description	ERK1 p42 MAP kinase plays a critical role in the regulation of cell growth and differentiation. Activated by a wide variety of extracellular signals including growth and neurotrophic factors, cytokines, hormones and neurotransmitters.ERK2 p44 MAP kinase plays a critical role in the regulation of cell growth and differentiation. Acts as an integration point for multiple biochemical signals, and is involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Images

Western blot analysis of ERK1/2 Antibody expression in HepG2 whole cell lysates.

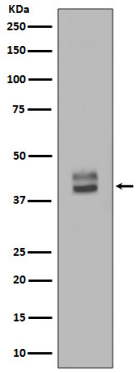

Image not found : 202311/AP90490-IF.jpg	Immunofluorescent analysis of Hela cells, using ERK1/2 Antibody.
Image not found : 202311/AP90490-wb4.jpg	Polysaccharides from Nostoc commune Vaucher activate macrophages via NF-κB and AKT/JNK1/2 pathways to suppress colorectal cancer growth in vivo. -Food & Function
Image not found : 202311/AP90490-wb5.jpg	Critical role for non □GAP function of Gαs in RGS1 □mediated promotion of melanoma progression through AKT and ERK phosphorylation. -Oncology Reports
Image not found : 202311/AP90490-wb6.jpg	CircDLST promotes the tumorigenesis and metastasis of gastric cancer by sponging miR-502-5p and activating the NRAS/MEK1/ERK1/2 signaling. -Molecular Cancer