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

Rabbit mAb
Catalog # AP90320

Product Information

Application	WB, IP
Primary Accession	P27361/P28482
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	ERK-1; ERK1; ERT2; kinase ERK1; MAP kinase 1; MAPK 1; MAPK3; MK03; MNK1; p44-ERK1; P44-ERK1; p44-MAPK;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	42 KDa

Additional Information

Dilution	WB 1:500~1:2000 IP 1:50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Phospho-ERK1 (Y204) + ERK2 (Y187)
Description	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 of transcription, translation, cytoskeletal rearrangements.
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 Phospho-Erk1 (T202/Y204) + Erk2 (T185/Y187) expression in A431 cell lysate treated with EGF.

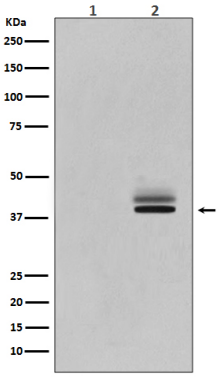

Image not found : 202311/AP90320-IF.jpg	Succinate induces aberrant mitochondrial fission in cardiomyocytes through GPR91 signaling
Image not found : 202311/AP90320-wb3.jpg	Succinate induces aberrant mitochondrial fission in cardiomyocytes through GPR91 signaling. -Cell Death & Disease
Image not found : 202311/AP90320-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/AP90320-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/AP90320-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