

Summary

Production Name	ERK1/2 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IP,ICC,FC
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Immunogen

Gene Name	ERK1/2
Alternative Names	ERK-1, Insulin-stimulated MAP2 kinase, MAP kinase 1, MAPK 1, p44-ERK1, ERT2, p44-MAPK, ERK-1,,ERK1/2
Gene ID	
SwissProt ID	P27361/P28482.A synthesized peptide derived from human ERK1

Application

Dilution Ratio	WB:1:1000-1:2000,IP:1:20-1:50,ICC:1:50-1:200,FC:1:20-1:100
Molecular Weight	Calculated MW: 43,41 kDa ; Observed MW: 42,44 kDa

Product Name: ERK1/2 Rabbit Monoclonal Antibody
Catalog #: AMRe83771



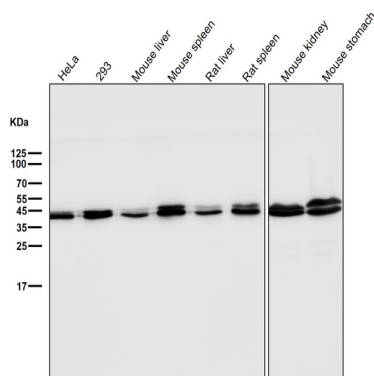
Background

Serine/threonine kinase which acts as an essential component of the MAP kinase signal transduction pathway.

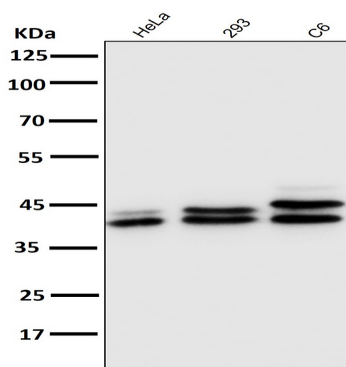
MAPK1/ERK2 and MAPK3/ERK1 are the 2 MAPKs which play an important role in the MAPK/ERK cascade. They participate also in a signaling cascade initiated by activated KIT and KITLG/SCF. Depending on the cellular context, the MAPK/ERK cascade mediates diverse biological functions such as cell growth, adhesion, survival and differentiation through the regulation of transcription, translation, cytoskeletal rearrangements.

Research Area

Image Data

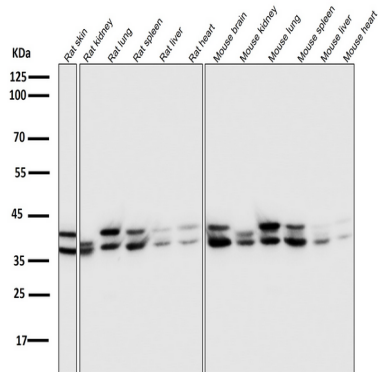


All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.

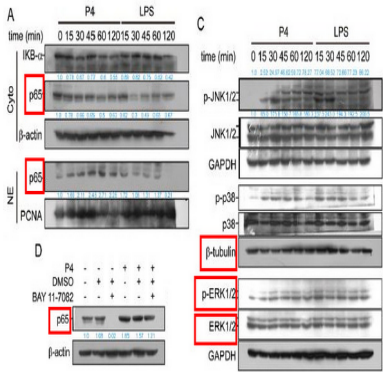


All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.

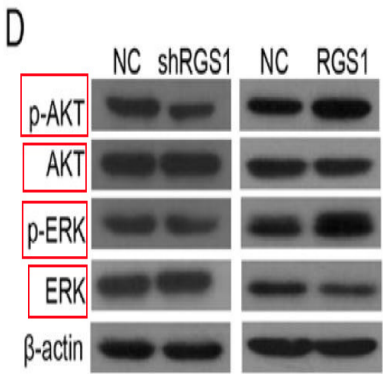
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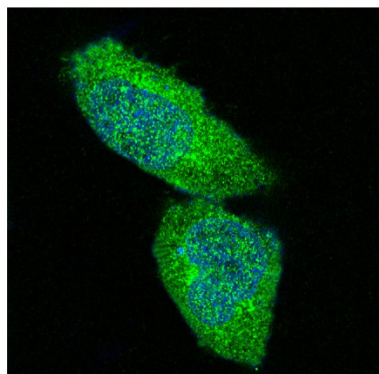


Polysaccharides from Nostoc commune Vaucher activate macrophages via NF- κ B and AKT/JNK1/2 pathways to suppress colorectal cancer growth in vivo. -Food & Function



Critical role for non-GAP function of Gas in RGS1-mediated promotion of melanoma progression through AKT and ERK phosphorylation. -Oncology Reports

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Immunofluorescent analysis of HeLa cells, using ERK1/2 Antibody.

Note

For research use only.