

**Product Name: Phospho-ERK1/2 (Thr202/Thr185) Rabbit
Monoclonal Antibody
Catalog #: AMRe03753**

Summary

Production Name	Phospho-ERK1/2 (Thr202/Thr185) Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IP
Reactivity	Human,Rat

Performance

Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	MAPK1/MAPK3
Alternative Names	MAPK1/MAPK3
Gene ID	5595/5594
SwissProt ID	P27361/P28482

Application

Dilution Ratio	WB: 1/500-1/1000 IP: 1/20
Molecular Weight	Calculated MW: 44,42 kDa; Observed MW: 44,42 kDa

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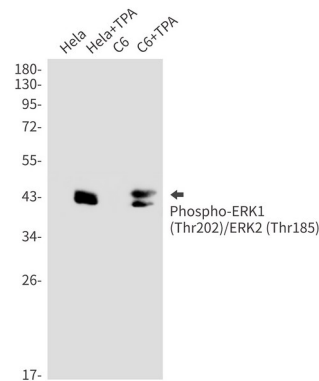
Background

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.

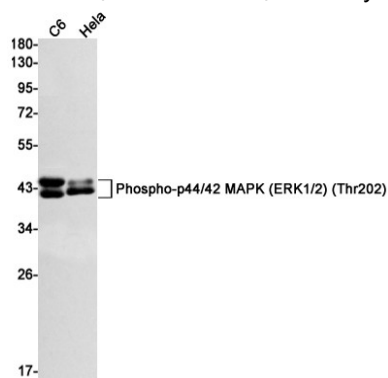
Research Area

Neuroscience

Image Data



Western blot analysis of Phospho-ERK1 (Thr202)/ERK2 (Thr185) in HeLa, HeLa+TPA, C6, C6+TPA lysates using Phospho-ERK1/2 (Thr202/Thr185) antibody.



Western blot analysis of Phospho-p44/42 MAPK (ERK1/2) (Thr202) in C6, HeLa lysates using Phospho-p44/42 MAPK (ERK1/2) (Thr202) antibody.

Note

For research use only.

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