

Product Name: Phospho-ERK1/2 (Thr202/Thr185) Rabbit Monoclonal Antibody
Catalog #: AMRe03751

Summary

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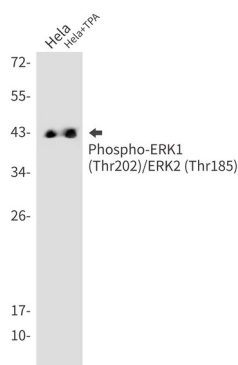
Background

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.

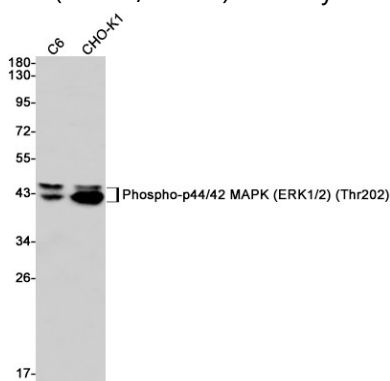
Research Area

Neuroscience

Image Data



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



Western blot analysis of Phospho-p44/42 MAPK (ERK1/2) (Thr202) in C6, CHO-K1 lysates using Phospho-p44/42 MAPK (ERK1/2) (Thr202) antibody.

Note

For research use only.



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