PHOSPHO-ERK1/2 (THR202/THR185) RABBIT MAB

Cat.#: N261718

Product Name: Anti-Phospho-ERK1/2 (Thr202/Thr185) Rabbit Monoclonal Antibody

Synonyms: MAPK1/MAPK3

UNIPROT ID: P27361/P28482

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.

Immunogen: A synthetic phosphopeptide corresponding to residues surrounding Thr202 of human ERK1

Applications: WB,IP

Recommended Dilutions: WB: 1/500-1/1000 IP: 1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R07-3G4

MW: Calculated MW: 44,42 kDa; Observed MW: 44,42 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human,Rat

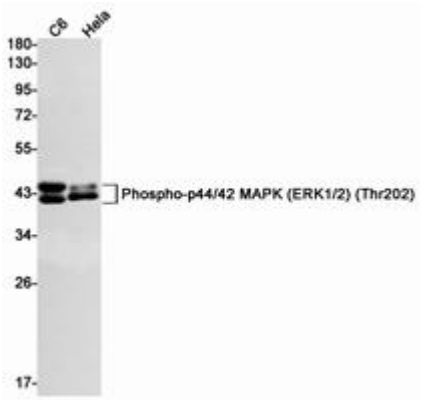
Conjugation: Unconjugated

Modification: Phosphorylated

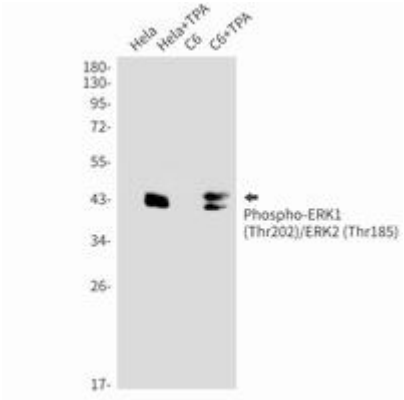
Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Neuroscience

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



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



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