

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

**Cat.#:** N261710

**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 Thr185 of human ERK2

**Applications:** WB,IP

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

**Host Species:** Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R05-2H9

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

**Isotype:** IgG

**Purification:** Affinity Purified

**Species Reactivity:** Human,Hamster,Rat

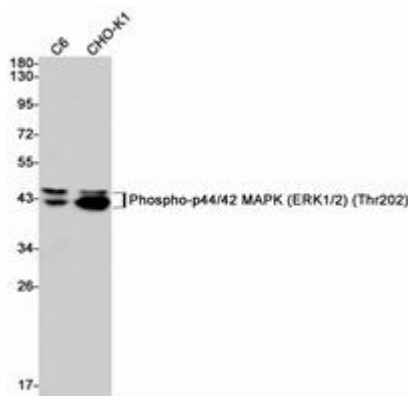
**Conjugation:** Unconjugated

**Modification:** Phosphorylated

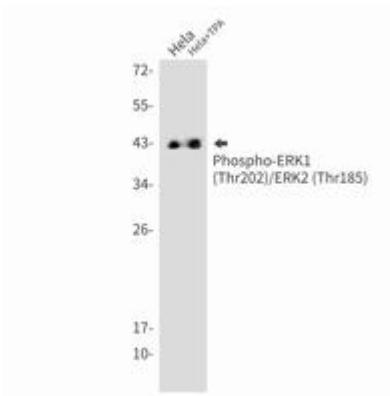
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**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, CHO-K1 lysates using Phospho-p44/42 MAPK (ERK1/2) (Thr202) antibody.



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