ERK1/2 RABBIT MAB

Cat.#: N261622

Product Name: Anti-ERK1/2 Rabbit Monoclonal Antibody

Synonyms: MAPK3; ERK1; ERT2; ERK-1; PRKM3; P44ERK1; P44MAPK; HS44KDAP; HUMKER1A; p44-ERK1; p44-MAPK; MAPK1; ERK; p38; p40; p41; ERK2; ERT1; ERK-2; MAPK2; PRKM1; PRKM2; P42MAPK; p41mapk; p42-MAPK.

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: Recombinant protein of human ERK2

Applications: WB,ICC/IF,IP

Recommended Dilutions: WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R02-5C8

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

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human,Mouse,Rat

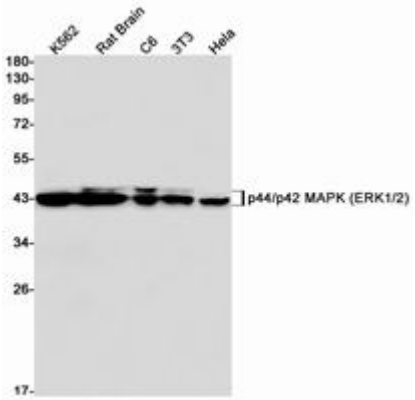
Conjugation: Unconjugated

Modification: Unmodified

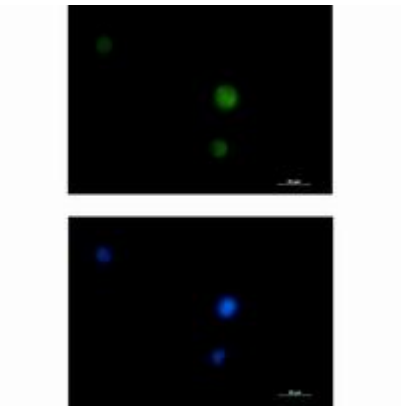
Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: NeuroscienceyyyyyPrion disease

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



Western blot analysis of p42 MAPK (ERK2) in K562, rat Brain, C6, 3T3, Hela lysates using p42 MAPK (ERK2) antibody.



Immunocytochemistry analysis of ERK1/2 (green) in K562 using ERK1/2 antibody,and DAPI(blue).