

ERK1/2 (9A4) monoclonal antibody

Catalog: MB3341

Host: Mouse

Reactivity: Human,Rat,Mouse

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.

Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

Molecular Weight:

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

Swiss-Prot:

P27361/P28482

Purification&Purity:

Affinity Purified

Applications:

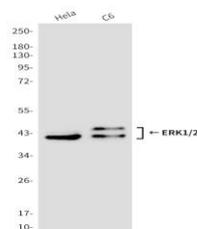
WB: 1/500-1/1000 IHC: 1/50-1/100

Storage&Stability:

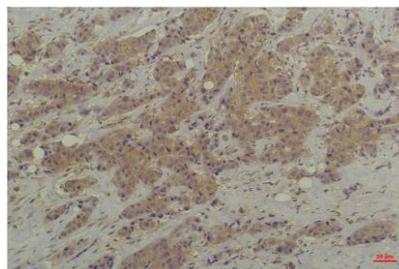
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

IgG1

DATA:

Immunohistochemistry analysis of paraffin-embedded Human Breast Carcinoma using ERK1/2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of ERK1/2 in HeLa, C6 lysates using ERK1/2 antibody

Western blot analysis of ERK1/2 in mouse brain, rat brain, HeLa lysates using ERK1/2 antibody

Note:

For research use only, not for use in diagnostic procedure.

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