

ERK1/2 monoclonal antibody

Catalog: MB10321

Host: Rabbit

Reactivity: Human, Mouse, Rat

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:

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

Molecular Weight:

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

Swiss-Prot:

P27361/P28482

Purification&Purity:

Affinity Purified

Applications:

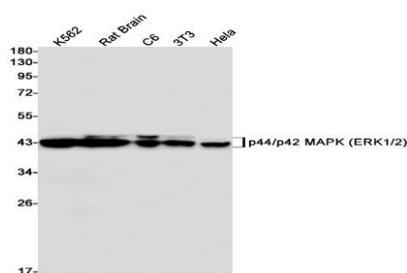
WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

Storage&Stability:

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

Isotype:

IgG

DATA:

Immunocytochemistry analysis of ERK1/2 in K562 using ERK1/2 antibody, and DAPI.

Western blot analysis of p42 MAPK in K562, rat Brain, C6, 3T3, HeLa lysates using p42 MAPK antibody.

Note:

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

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