

Product Datasheet

p44/42 MAPK (Erk1/2) Mouse mAb

Catalog No: AB3378

Reactivity: Human, Mouse, Rat

Isotype: Mouse IgG1

Applications: WB



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Information

UniProt ID: P27361/P28482

All Names: MAPK3; MK03; MNK1; p44-ERK1; P44-ER; ERK-1; ERK1; ERT2; kinase ERK1; MAP kinase 1; MAPK 1

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

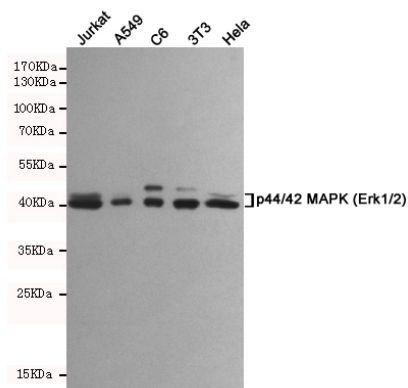
Molecular Wt.: 42/44KDa

Application

WB 1:1000

Background

Involved in both the initiation and regulation of meiosis, mitosis, and postmitotic functions in differentiated cells by phosphorylating a number of transcription factors such as ELK1. Phosphorylates EIF4EBP1; required for initiation of translation. Phosphorylates microtubule-associated protein 2 (MAP2).



Western blot analysis of extracts from Jurkat, A549, C6, 3T3 and HeLa cell lysates using p44/42 MAPK (Erk1/2) mouse mAb (1:1000 diluted). Predicted band size: 42/44KDa. Observed band size: 42/44KDa.

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