

Recombinant ERK1/2 Monoclonal Antibody

Catalog No. E-AB-81432

Note: Centrifuge before opening to ensure complete recovery of vial contents.

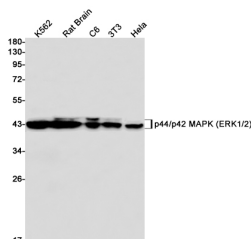
Description

Reactivity	Human,Mouse,Rat
Immunogen	Recombinant protein of human ERK2
Host	Rabbit
Isotype	IgG
Clone	R02-5C8
Purification	Affinity Purified
Conjugation	Unconjugated
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein

Applications Recommended Dilution

WB 1:1000-1:2000

Data



Western blot detection of p42 MAPK (ERK2) in K562,Rat Brain,C6,3T3,Hela cell lysates using p42 MAPK (ERK2) Rabbit mAb(1:1000 diluted).Predicted band size:43,41 kDa.Observed band size:44,42kDa.

Observed Mw:44/42kDa
Calculated Mw:43/41 kDa

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

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 ELK-1. Phosphorylates EIF4EBP1; required for initiation of translation. Phosphorylates microtubule-associated protein 2 (MAP2). Phosphorylates SPZ1 (By similarity). Phosphorylates heat shock factor protein 4 (HSF4).

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