

Recombinant ERK1/2 Monoclonal Antibody

catalog number: 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
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

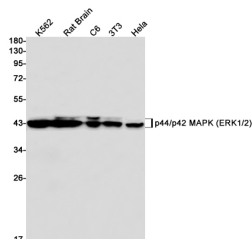
Applications

WB

Recommended Dilution

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 /42 kDa

Calculated-MW:43/41 kDa

Preparation & Storage

Storage

Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping

The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

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).

For Research Use Only