ERK2/MAPK1/MAPK2 Monoclonal Antibody

catalog number: AN200155P

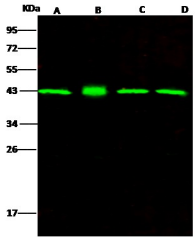
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Recombinant Human ERK2/MAPK1/MAPK2 Protein
Host	Mouse
Isotype	IgG1
Clone	2B10
Purification	Protein A
Buffer	0.2 μm filtered solution in PBS

Applications	Recommended Dilution
WB	1:500-1:2000

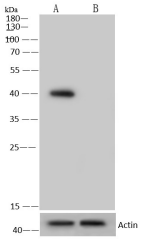
Data



Western Blot with ERK2 Monoclonal Antibody at dilution of 1:500 dilution. Lane A: A431 Whole Cell Lysate, Lane B: HepG2 Whole Cell Lysate, Lane C: A549 Whole Cell Lysate, Lane D: Jurkat Whole Cell Lysate, Lysates/proteins at 30 μg per lane.

Observed-MW:40 kDa

Calculated-MW:40 kDa



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Preparation & Storage

Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

Background

MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development. The activation of this kinase requires its phosphorylation by upstream kinases. Upon activation, this kinase translocates to the nucleus of the stimulated cells, where it phosphorylates nuclear targets.

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