

A Reliable Research Partner in Life Science and Medicine

Recombinant ERK1/2 Monoclonal Antibody

catalog number: AN300857L

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

Description

Reactivity Human; Mouse; Rat

Immunogen Recombinant Human ERK1/2 protein

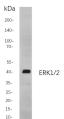
HostRabbitIsotypeIgG,κCloneB804PurificationProtein A

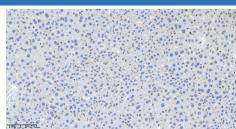
Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

IHC 1:2000-1:10000 **WB** 1:2000-1:10000

Data





Western Blot with Recombinant ERK1/2 Monoclonal Immunohistochemistry of paraffin-embedded mouse liver
Antibody at dilution of 1:1000 dilution. Lane A: 3T3-L1 cells. using Recombinant ERK1/2 Monoclonal Antibody at dilution

Observed-MW:43 kDa.41 kDa of 1:200.

Calculated-MW:43 kDa,41 kDa

Preparation & Storage

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

Shipping Ice bag

Background

The protein encoded by this gene is a member of the MAP kinase family. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act in a signaling cascade that regulates various cellular processes such as proliferation, differentiation, and cell cycle progression in response to a variety of extracellular signals. This kinase is activated by upstream kinases, resulting in its translocation to the nucleus where it phosphorylates nuclear targets. Alternatively spliced transcript variants encoding different protein isoforms have been described.

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