

Product Datasheet

ERK1/2 Antibody

Catalog No: CY5487

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB ICC/IF IP FC



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Information

UniProt ID: P27361/P28482

All Names: Extracellular signal-regulated kinase 1, ERK-1, Insulin-stimulated MAP2 kinase, MAP kinase 1, MAPK 1, p44-ERK1, ERT2, p44-MAPK, Microtubule-associated protein 2 kinase. Extracellular signal-regulated kinase 1, ERK-1, Insulin-stimulated MAP2 kinase,

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: 1:500~1:2000

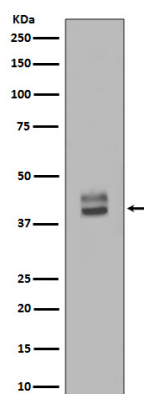
ICC/IF: 1:50~1:200

IP: 1:50

FC:1:200

Background

ERK1 p42 MAP kinase plays a critical role in the regulation of cell growth and differentiation. Activated by a wide variety of extracellular signals including growth and neurotrophic factors, cytokines, hormones and neurotransmitters. ERK2 p44 MAP kinase plays a critical role in the regulation of cell growth and differentiation. Acts as an integration point for multiple biochemical signals, and is involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development.



Western blot analysis of ERK1/2 Antibody expression in HepG2 whole cell lysates.

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