

Product Datasheet

Phospho-Erk1 (T202/Y204) + Erk2 (T185/Y187) Antibody

Catalog No: CY5277

Reactivity: Human, Mouse, Rat

Isotype: Rabbit IgG

Applications: WB IP



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Information

UniProt ID: P27361/P28482

All Names: ERK-1; ERK1; ERT2; Extracellular signal- regulated kinase 1; Insulin-stimulated MAP2 kinase; kinase ERK1; MAP kinase 1; MAPK 1; MAPK3; Microtubule- associated protein-2 kinase; Mitogen-activated protein kinase 3; MK03; MNK1; p44-ERK1; P44-ERK1; p44-MAPK;

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: Synthesized peptide

Molecular Wt.: 42kDa

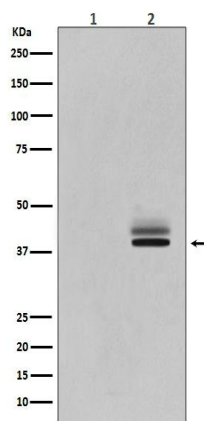
Application

WB: 1:500~1:2000

IP: 1:50

Background

Serine/threonine kinase which acts as an essential component of the MAP kinase signal transduction pathway. MAPK1/ERK2 and MAPK3/ERK1 are the 2 MAPKs which play an important role in the MAPK/ERK cascade. They participate also in a signaling cascade initiated by activated KIT and KITLG/SCF. Depending on the cellular context, the MAPK/ERK cascade mediates diverse biological functions such as cell growth, adhesion, survival and differentiation through the regulation of transcription, translation, cytoskeletal rearrangements.



Western blot analysis of extracts from A431 treated with EGF, using Phospho-Erk1 (T202/Y204) + Erk2 (T185/Y187) antibody.

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