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Diagnostik & molekulare Diagnostik



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-ERK2 Antibody (PThr185 + PTyr187)

Rabbit Anti-Human ERK2 (pThr185 + pTyr187) Polyclonal
Catalog No. SPC-975



Discovery through partnership | Excellence through quality

Overview

Product Name

ERK2 Antibody (pThr185 + pTyr187)

Description

Rabbit Anti-Human ERK2 (pThr185 + pTyr187) Polyclonal

Species Reactivity

Human

Applications

WB, AM

Antibody Dilution

WB (1:250); optimal dilutions for assays should be determined by the user.

Host Species

Rabbit

Immunogen Species

Human

Immunogen

A phospho-specific peptide corresponding to residues surrounding Thr185 and Tyr187 of human ERK2 (AA 182-188)

Conjugates

Alkaline Phosphatase, APC, ATTO 390, ATTO 488, ATTO 565, ATTO 594, ATTO 633, ATTO 655, ATTO 680, ATTO 700, Biotin, FITC, HRP, PE/ATTO 594, PerCP, RPE, Streptavidin, Unconjugated

Properties

Storage Buffer

PBS pH7.4, 50% glycerol, 0.025% Thimerosal

Storage Temperature

-20°C

Shipping Temperature

Blue Ice or 4°C

Purification

Peptide Affinity Purified

Clonality

Polyclonal

Specificity

Detects 41.39 kDa.

Cite This Product

Rabbit Anti-Human ERK2 (pThr185 + pTyr187) Polyclonal (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SPC-975)

Certificate Of Analysis

A 1:250 dilution of SPC-975 was sufficient for detection of ERK2 (pThr185 + pTyr187) in 10 µg of HeLa cell lysate by ECL immunoblot analysis using goat anti-rabbit IgG:HRP as the secondary antibody.

Biological Description

Alternative Names

ERK Antibody, ERT1 Antibody, ERK2 Antibody, Extracellular Signal Regulated Kinase 2 Antibody, MAP kinase 1 Antibody, MAP kinase 2 Antibody, MAP kinase isoform p42 Antibody, MAPK1 Antibody, MAPK2 Antibody, Mitogen-activated protein kinase 1 Antibody, Mitogen-activated protein kinase 2 Antibody, MK01_HUMAN Antibody, P38 Antibody, P40 Antibody, P41 Antibody, P42MAPK Antibody, PRKM1 Antibody, PRKM2 Antibody protein kinase, protein tyrosine kinase ERK2 Antibody

Cellular Localization

Cytoplasm, Cytoskeleton, Nucleus, Spindle

Accession Number

NP_002736.3

Gene ID

5594

Swiss Prot

P28482

Scientific Background

ERK2 or MAPK1 is a protein-serine/threonine kinase. Phosphorylates many different transcription factors, such as ELK1. Acts as transcriptional repressor by binding directly to DNA. Essential for cyclin D1 induction. MAPK1 phosphorylates BCL2, which contributes to cell survival, the suppression of the apoptotic effect of BAD and up-regulation of the antiapoptotic protein MCL-1. Regulates accumulation of p53 during DNA damage response. Constitutively active in many human tumours, supposedly due to altered RAS, RAF, EGFR or other upstream elements. ERK/MAPK pathway was shown to promote cell motility and tumour cell migration.

Product Images

Currently there are no images for this product

Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.