

Phospho-ERK1-T202/Y204 + ERK2-T185/Y187 Rabbit mAb

Catalog No.: AP0974 **Recombinant** **57 Publications**

Basic Information

Observed MW

42kDa/44kDa

Calculated MW

42kDa/44kDa

Category

Primary antibody

Applications

WB,IHC-P,ELISA

Cross-Reactivity

Human, Mouse, Rat

Clone/No number

ARC1595

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. [provided by RefSeq, Jul 2008]

Recommended Dilutions

WB 1:1000 - 1:3000

IHC-P 1:50 - 1:200

ELISA Recommended starting concentration is 1 μ g/mL.
Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

5595/5594

Swiss Prot

P27361/P28482

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

ERK-1; ERK1; ERT2; HS44KDAP; HUMKER1A; P44ERK1; P44MAPK; PRKM3; p44-ERK1; p44-MAPK; Phospho-ERK1-T202/Y204 + ERK2-T185/Y187

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide,0.05% BSA,50% glycerol,pH7.3.

Validation Data

