A10613

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ERK1 / ERK2 Mouse mAb

Catalog No.: A10613 31 Publications

Basic Information

Observed MW
42kDa/44kDa

Calculated MW
36kDa/41kDa/38kDa/40kDa/43kDa

Category
Monoclonal Antibody

Applications
WB,ELISA

Cross-Reactivity
Human,Mouse,Rat

Clone number
AMC0488

Background

MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development. The activation of this kinase requires its phosphorylation by upstream kinases. Upon activation, this kinase translocates to the nucleus of the stimulated cells, where it phosphorylates nuclear targets.

Recommended Dilutions

WB	1:500 - 1:2000
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
5594/5595

Swiss Prot
P28482/P27361

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

Synonyms

Contact

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Product Information

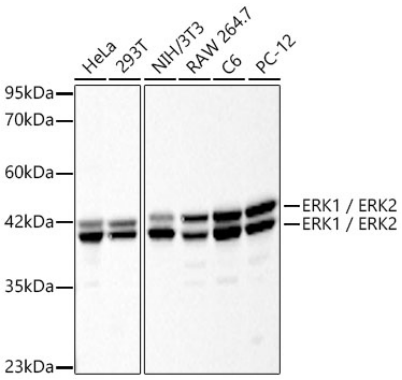
Source
Mouse

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃

Validation Data



Western blot analysis of various lysates, using ERK1 / ERK2 Mouse mAb (A10613) at 1:500 dilution.
Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (AS003) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 20s.

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Please visit https://abclonal.com for a complete listing of recommended products.