A4868

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MEK1/MEK2 Rabbit mAb

Catalog No.: A4868 Recombinant 11 Publications

Basic Information

Observed MW
42kDa

Calculated MW
44kDa

Category
SMab Recombinant Monoclonal Antibody

Applications
WB,ELISA

Cross-Reactivity
Human,Mouse,Rat

CloneNo number
ARC0292

Background

The protein encoded by this gene is a member of the dual specificity protein kinase family, which acts as a mitogen-activated protein (MAP) kinase kinase. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple biochemical signals. This protein kinase lies upstream of MAP kinases and stimulates the enzymatic activity of MAP kinases upon wide variety of extra- and intracellular signals. As an essential component of MAP kinase signal transduction pathway, this kinase is involved in many cellular processes such as proliferation, differentiation, transcription regulation and development. [provided by RefSeq, Jul 2008]

Recommended Dilutions

WB	1:2000 - 1:6000

Immunogen Information

Gene ID
5604/5605

Swiss Prot
Q02750/P36507

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 1-360 of human MEK1/MEK2 (Q02750).

Synonyms
CFC3; MAPKK1; MEK1; MKK1; PRKMK1; MEK1/MEK2

Contact

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Product Information

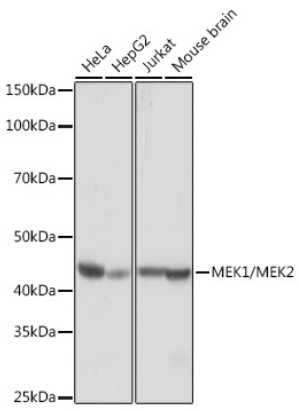
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using MEK1/MEK2 antibody (A4868) at 1:5000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1s.