

# MEK1/MEK2 Rabbit mAb

Catalog No.: A4868 **Recombinant** **12 Publications**

## Basic Information

### Observed MW

42kDa

### Calculated MW

44kDa

### Category

Primary 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** 1:5000 - 1:30000

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

## 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

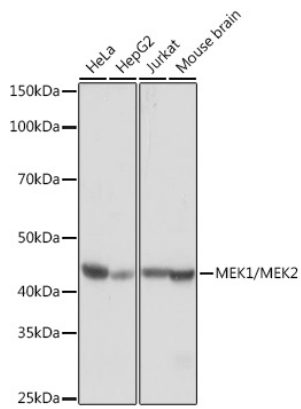
### Storage

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

Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

## Validation Data

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Western blot analysis of various lysates using MEK1/MEK2 Rabbit mAb (A4868) at 1:5000 dilution. Secondary antibody: HRP-conjugated 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.