

**MEK2 Antibody**  
Rabbit mAb  
Catalog # AP90863

## Specification

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### MEK2 Antibody - Product Information

Application **WB, IHC, FC, ICC, IP**  
Primary Accession [P36507](#)  
Clonality **Monoclonal**

#### Other Names

Dual specificity mitogen-activated protein kinase kinase 2; MAP kinase kinase 2; MAPKK 2; ERK activator kinase 2; MAPK/ERK kinase 2; MEK 2; MAP2K2; MEK-2; MKK2; PRKMK2;

Isotype **Rabbit IgG**  
Host **Rabbit**  
Calculated MW **44424 Da**

### MEK2 Antibody - Additional Information

Purification **Affinity-chromatography**  
Immunogen **A synthesized peptide derived from human MEK2**  
Description **Catalyzes the concomitant phosphorylation of a threonine and a tyrosine residue in a Thr-Glu-Tyr sequence located in MAP kinases. Activates the ERK1 and ERK2 MAP kinases.**  
Storage Condition and Buffer **Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.**

### MEK2 Antibody - Protein Information

**Name** MAP2K2

**Synonyms** MEK2, MKK2, PRKMK2

#### Function

Catalyzes the concomitant phosphorylation of a threonine and a tyrosine residue in a Thr-Glu-Tyr sequence located in MAP kinases. Activates the ERK1 and ERK2 MAP kinases (By similarity). Activates BRAF in a KSR1 or KSR2-dependent manner; by binding to KSR1 or KSR2 releases the inhibitory intramolecular interaction between KSR1 or KSR2 protein kinase and N-terminal domains which promotes KSR1 or KSR2-BRAF dimerization and BRAF activation (PubMed:<a href="http://www.uniprot.org/citations/29433126" target="\_blank">29433126</a>).

#### Cellular Location

Cytoplasm. Membrane; Peripheral membrane protein. Note=Membrane localization is probably

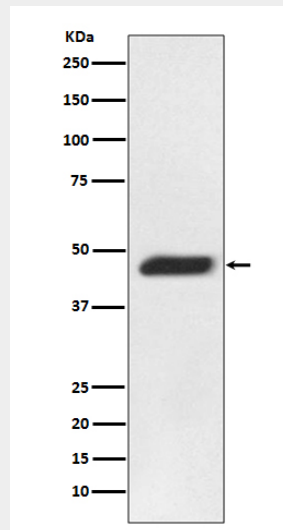
regulated by its interaction with KSR1.

### MEK2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### MEK2 Antibody - Images



Western blot analysis of MEK2 expression in Jurkat cell lysate.