

**MEK5 Antibody**  
Rabbit mAb  
Catalog # AP90869

## Specification

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### MEK5 Antibody - Product Information

Application	WB, ICC
Primary Accession	<a href="#">O13163</a>
Clonality	Monoclonal
<b>Other Names</b>	
MAP2K5; HsT17454; MAPKK 5; MEK 5; MAPKK5; MEK5; MKK5; MAP kinase kinase 5; PRKMK5; MAP kinase kinase MEK5b; MAPK/ERK kinase 5;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	50112 Da

### MEK5 Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human MEK5
Description	Acts as a scaffold for the formation of a ternary MAP3K2/MAP3K3-MAP3K5-MAPK7 signaling complex. Activation of this pathway appear to play a critical role in protecting cells from stress-induced apoptosis, neuronal survival and cardiac development and angiogenesis.
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.

### MEK5 Antibody - Protein Information

**Name** MAP2K5

**Synonyms** MEK5, MKK5, PRKMK5

#### Function

Acts as a scaffold for the formation of a ternary MAP3K2/MAP3K3-MAP3K5-MAPK7 signaling complex. Activation of this pathway appears to play a critical role in protecting cells from stress-induced apoptosis, neuronal survival and cardiac development and angiogenesis. As part of the MAPK/ERK signaling pathway, acts as a negative regulator of apoptosis in cardiomyocytes via promotion of STUB1/CHIP-mediated ubiquitination and degradation of ICER-type isoforms of CREM (By similarity).

### Tissue Location

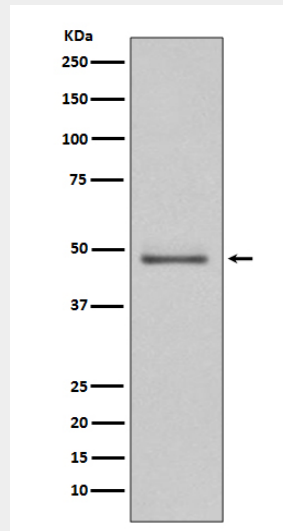
Expressed in many adult tissues. Abundant in heart and skeletal muscle

### MEK5 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](#)

### MEK5 Antibody - Images



Western blot analysis of MEK5 expression in HeLa cell lysate.