

**MAP3K11 Antibody (ascites)**  
**Mouse Monoclonal Antibody (Mab)**  
Catalog # AM1906a

## Specification

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### MAP3K11 Antibody (ascites) - Product Information

Application	WB,E
Primary Accession	<a href="#">O16584</a>
Other Accession	<a href="#">NP_002410.1</a>
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgM,k
Calculated MW	92688

### MAP3K11 Antibody (ascites) - Additional Information

Gene ID 4296

#### Other Names

Mitogen-activated protein kinase kinase kinase 11, Mixed lineage kinase 3, Src-homology 3 domain-containing proline-rich kinase, MAP3K11 ([HGNC:6850](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=6850))

#### Target/Specificity

This MAP3K11 monoclonal antibody is generated from mouse immunized with MAP3K11 recombinant protein.

#### Dilution

WB~~1:500~1000

#### Format

Mouse monoclonal antibody supplied in crude ascites with 0.09% (W/V) sodium azide.

#### Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### Precautions

MAP3K11 Antibody (ascites) is for research use only and not for use in diagnostic or therapeutic procedures.

### MAP3K11 Antibody (ascites) - Protein Information

Name MAP3K11 ([HGNC:6850](#))

**Function** Activates the JUN N-terminal pathway. Required for serum- stimulated cell proliferation

and for mitogen and cytokine activation of MAPK14 (p38), MAPK3 (ERK) and MAPK8 (JNK1) through phosphorylation and activation of MAP2K4/MKK4 and MAP2K7/MKK7. Plays a role in mitogen-stimulated phosphorylation and activation of BRAF, but does not phosphorylate BRAF directly. Influences microtubule organization during the cell cycle.

#### Cellular Location

Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Note=Location is cell cycle dependent

#### Tissue Location

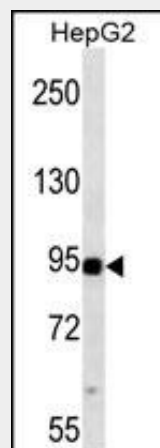
Expressed in a wide variety of normal and neoplastic tissues including fetal lung, liver, heart and kidney, and adult lung, liver, heart, kidney, placenta, skeletal muscle, pancreas and brain.

### MAP3K11 Antibody (ascites) - 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](#)

### MAP3K11 Antibody (ascites) - Images



MAP3K11 (Cat. #AM1906a) western blot analysis in HepG2 cell line lysates (35µg/lane). This demonstrates the MAP3K11 antibody detected the MAP3K11 protein (arrow).

### MAP3K11 Antibody (ascites) - Background

The protein encoded by this gene is a member of the serine/threonine kinase family. This kinase contains a SH3 domain and a leucine zipper-basic motif. This kinase preferentially activates MAPK8/JNK kinase, and functions as a positive regulator of JNK signaling pathway. This kinase can directly phosphorylate, and activates IκappaB kinase alpha and beta, and is found to be involved in the transcription activity of NF-kappaB mediated by Rho

family GTPases and CDC42.

### **MAP3K11 Antibody (ascites) - References**

- Chen, J., et al. *Oncogene* 29(31):4399-4411(2010)  
Liou, G.Y., et al. *Biochem. J.* 427(3):435-443(2010)  
Mishra, P., et al. *Mol. Endocrinol.* 24(3):598-607(2010)  
Rangasamy, V., et al. *Cancer Res.* 70(4):1731-1740(2010)  
Velho, S., et al. *Hum. Mol. Genet.* 19(4):697-706(2010)