

**Anti-MAP3K11 / MLK3 Antibody (clone 3D11)**  
**Mouse Anti Human Monoclonal Antibody**  
**Catalog # ALS17851**

**Specification**

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**Anti-MAP3K11 / MLK3 Antibody (clone 3D11) - Product Information**

Application	WB, IHC-F, E
Primary Accession	<a href="#">Q16584</a>
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a,k
Calculated MW	92688

**Anti-MAP3K11 / MLK3 Antibody (clone 3D11) - Additional Information**

**Gene ID** 4296

**Alias Symbol** **MAP3K11**  
**Other Names**  
MAP3K11, Mixed lineage kinase 3, MLK3, Protein-tyrosine kinase PTK1, PTK1, SPRK, MLK-3, MEKK11

**Target/Specificity**  
Human MAP3K11

**Reconstitution & Storage**  
Protein A purified

**Precautions**  
Anti-MAP3K11 / MLK3 Antibody (clone 3D11) is for research use only and not for use in diagnostic or therapeutic procedures.

**Anti-MAP3K11 / MLK3 Antibody (clone 3D11) - 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.

**Anti-MAP3K11 / MLK3 Antibody (clone 3D11) - 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](#)

**Anti-MAP3K11 / MLK3 Antibody (clone 3D11) - Images**