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Anti-MAP3K11 / MLK3 Antibody (clone 3D11)

Mouse Anti Human Monoclonal Antibody
Catalog # ALS17851

Product Information

Application	WB, IHC-F, E
Primary Accession	Q16584
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Names	3D11
Calculated MW	92688
Concentration (mg/ml)	0.5 mg/ml

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.

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.