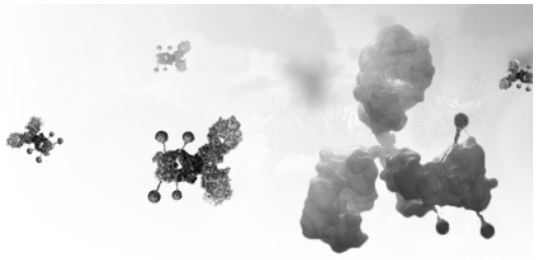

Anti-MAP3K11 monoclonal antibody, clone FQ2571Z (DCABH-9029)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit monoclonal to MLK3 - Carboxyterminal end
Antigen Description	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). Plays a role in mitogen-stimulated phosphorylation and activation of BRAF, but does not phosphorylate BRAF directly. Influences microtubule organization during the cell cycle.
Immunogen	Synthetic peptide corresponding to residues on the C-terminus of human MLK3.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Human
Clone	FQ2571Z
Conjugate	Unconjugated
Applications	Flow Cyt, WB, ICC/IF
Positive Control	A431 cell lysate or HeLa cells.
Format	Liquid
Size	100 µl
Buffer	PBS 49%,Sodium azide 0.01%,Glycerol 50%,BSA 0.05%
Storage	store at -20°C. Avoid freeze / thaw cycles.

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Ship	Shipped at 4°C.

GENE INFORMATION

Gene Name	MAP3K11 mitogen-activated protein kinase kinase kinase 11 [Homo sapiens]
Official Symbol	MAP3K11
Synonyms	MAP3K11; mitogen-activated protein kinase kinase kinase 11; MLK3, PTK1; MEKK11; SPRK; mixed lineage kinase 3; protein-tyrosine kinase PTK1; SH3 domain-containing proline-rich kinase; src-homology 3 domain-containing proline-rich kinase; MLK3; PTK1; MLK-3;
Entrez Gene ID	4296
Protein Refseq	NP_002410
UniProt ID	A0A024R5E6
Chromosome Location	11q13.1-q13.3
Pathway	CDC42 signaling events, organism-specific biosystem; IFN-gamma pathway, organism-specific biosystem; Insulin Signaling, organism-specific biosystem; MAPK signaling pathway, organism-specific biosystem; MAPK signaling pathway, conserved biosystem; RAC1 signaling pathway, organism-specific biosystem.
Function	ATP binding; JUN kinase kinase kinase activity; Rac GTPase binding; identical protein binding; mitogen-activated protein kinase kinase binding; mitogen-activated protein kinase kinase kinase binding; nucleotide binding; protein binding; protein homodimeri

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