

DATASHEET

MLK3 Mouse Monoclonal Antibody(C3914)

CAT. NO. AMA03526

KEY FEATURES

Target	MLK3	Source / Host	Mouse
Reactivity	Human	Clonality	Monoclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Mouse IgM kappa. Supplied in crude ascites with 0.01% sodium azide.	Storage	at-20°C

BACKGROUND

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.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

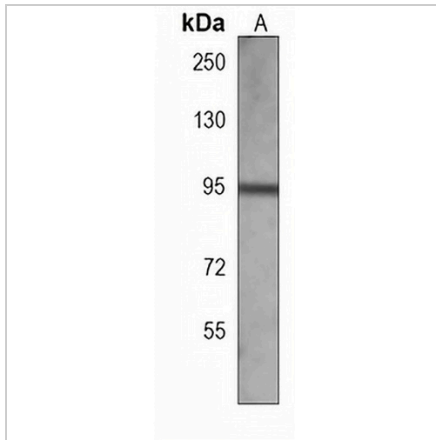
Description	Mouse monoclonal antibody to MLK3
Specificity	Recognizes endogenous levels of MLK3 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human MLK3. The exact sequence is proprietary.
Molecular Weight	Predicted: 92 kD; Observed: 92 kD
Form/Buffer	Mouse IgM kappa. Supplied in crude ascites with 0.01% sodium azide.
Alternative Names	MLK3; PTK1; SPRK; Mitogen-activated protein kinase kinase kinase 11; Mixed lineage kinase 3; Src-homology 3 domain-containing proline-rich kinase
Gene Symbol	MAP3K11
Entrez Gene	4296(Human)
SwissProt	Q16584(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of MLK3 expression in HepG2 (A) whole cell lysates. (Predicted band size: 92 kD; Observed band size: 92 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.