

Datasheet

MAPK9 monoclonal antibody (M01), clone 1C1-3A8

Catalog Number: H00005601-M01

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full length recombinant MAPK9.

Clone Name: 1C1-3A8

Immunogen: MAPK9 (AAH32539, 1 a.a. ~ 424 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

MSDSKCD SQFY SVQVADSTFTVLKRYQQLKPIGSGAQ
GIVCAAFD TVLGINVAVKLSRPFQNT HAKRAYRELV
LLKCVNHKNIISLLNVFT PQKTL EEFQDVYLV MELMDA
NLCQVIHMELDHERMSYLLYQMLCGIKHLHSAGIIHRD
LKPSNIVVKS DCTLKILDFGLARTACTNFMMPYV VTR
YYRAPEVILGMGYKENVDIWSVGCIMGELVKGCVIFQG
TDHIDQWNKVIEQLGTPSAEFMKKLQPTVRNYVENRP
KYPGIKFEELFPDWIFPSESERDKIKTSQARDLLSKMLV
IDPDKRISVDEALRHPYITVWYDPAEAEAPPPQIYDAQL
EEREHAIEEWKELIYKEVMDWEERSKNGVVKDQPSDA
AVSSNATPSQSSSINDISSMSTEQTLASDTDSSLDAST
GPLEGCR

Host: Mouse

Reactivity: Human

Applications: ELISA, IHC-P, RNAi-Ab, S-ELISA,
WB-Re, WB-Tr

(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG1 kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 5601

Gene Symbol: MAPK9

Gene Alias: JNK-55, JNK2, JNK2A, JNK2ALPHA,
JNK2B, JNK2BETA, PRKM9, SAPK, p54a, p54aSAPK

Gene Summary: The protein encoded by this gene is a member of the MAP kinase family. MAP kinases act as an integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development. This kinase targets specific transcription factors, and thus mediates immediate-early gene expression in response to various cell stimuli. It is most closely related to MAPK8, both of which are involved in UV radiation induced apoptosis, thought to be related to the cytochrome c-mediated cell death pathway. This gene and MAPK8 are also known as c-Jun N-terminal kinases. This kinase blocks the ubiquitination of tumor suppressor p53, and thus it increases the stability of p53 in nonstressed cells. Studies of this gene's mouse counterpart suggest a key role in T-cell differentiation. Several alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq]