



Category: Monoclonal Antibodies
Product Name: Mouse Monoclonal Antibody to MAP4K4

Catalog Number: MAB-606020235

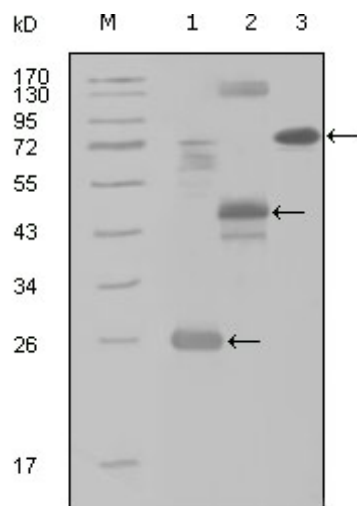


Figure 1: Western blot analysis using MAP4K4 mouse mAb against truncated Trx-MAP4K4 recombinant protein (1), MBP-MAP4K4 (aa300-400) recombinant protein (2) and MAP4K4(aa194-436)-hIgGFc transfected CHO-K1 cell lysate(3).

Lot#:
Clone#: 3C7B5
Host and isotype: Mouse IgG1
Size: 0.1ml
MW:
Aliases: HGK; NIK
Entrez Gene: 9448
Species reactivity: Human

Description MAP4K4: mitogen-activated protein kinase kinase kinase 4. The protein encoded by this gene is a member of the serine/threonine protein kinase family. This kinase has been shown to specifically activate MAPK8/JNK. The activation of MAPK8 by this kinase is found to be inhibited by the dominant-negative mutants of MAP3K7/TAK1, MAP2K4/MKK4, and MAP2K7/MKK7, which suggests that this kinase may function through the MAP3K7-MAP2K4-MAP2K7 kinase cascade, and mediate the TNF-alpha signaling pathway. Alternatively spliced transcript variants encoding different isoforms have been identified.

Immunogen Purified recombinant fragment of MAP4K4 (aa400-500) expressed in E. Coli.

Application Western Blotting: 1/500 - 1/2000.
ELISA: Propose dilution 1/10000.
Not yet tested in other applications.
Determining optimal working dilutions by titration test.

Formulation Ascitic fluid containing 0.03% sodium azide.

Storage Store at 4iæ, for long term storage, store at -20iæ.

Rrelated product

References 1. Mol Cell Biol. 2000 Mar;20(5):1537-45.
2. Curr Biol. 2002 Apr 16;12(8):622-31.
3. J Biol Chem. 2007 Mar 16;282(11):7783-9.

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