

Product Name: MAP4K4 Mouse Monoclonal Antibody
Catalog #: AMM80664



Summary

Production Name	MAP4K4 Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB,ICC,FC,ELISA
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Ascitic fluid containing 0.03% sodium azide.
Purification	Affinity Purification

Immunogen

Gene Name	MAP4K4
Alternative Names	HGK; NIK
Gene ID	9448.0
SwissProt ID	O95819.Purified recombinant fragment of MAP4K4 (aa400-500) expressed in E. Coli.

Application

Dilution Ratio	WB:1:500-1:2000,ICC:1:50-1:200,FC:1:200-1:400,ELISA:1:10000
Molecular Weight	142kDa

Background

MAP4K4: mitogen-activated protein kinase kinase kinase 4. The protein encoded by this gene is a member of the

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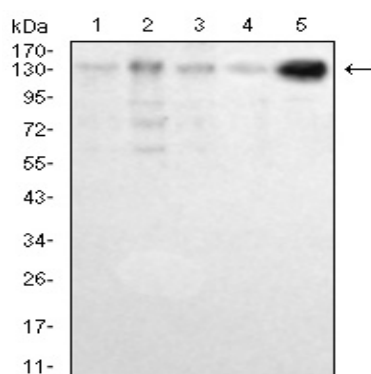


serine/threonine protein kinase family. This kinase has been shown to specifically activate MAPK8/JNK. The activation of MAPK8 by this kinase is found to be inhibited by the dominant-negative mutants of MAP3K7/TAK1, MAP2K4/MKK4, and MAP2K7/MKK7, which suggests that this kinase may function through the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

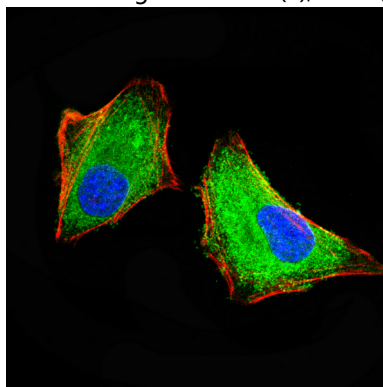
Research Area

MAPK signaling pathway

Image Data

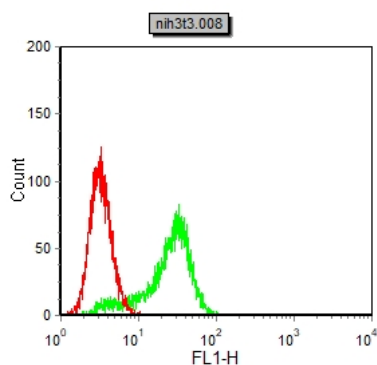


Western blot analysis using MAP4K4 mouse mAb against Jurkat (1), PC-12(2), Jurkat (3), HepG2(4), K652(5) lysate.

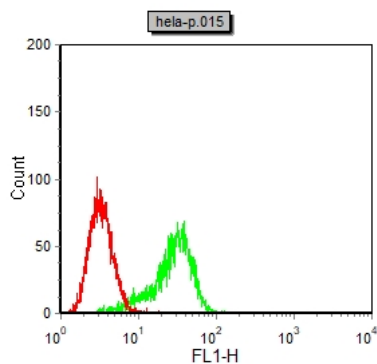


Immunofluorescence analysis of HeLa cells using MAP4K4 mouse mAb (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

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Flow cytometric analysis of NIH3T3 cells using MAP4K4 mouse mAb (green) and negative control (red).



Flow cytometric analysis of hela cells using MAP4K4 mouse mAb (green) and negative control (red).

Note

For research use only.