

Product Name: MAP4K4 Mouse Monoclonal Antibody**Catalog #: AMM80665**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ELISA,FC
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS containing 0.03% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	142kDa

Antigen Information

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

Background

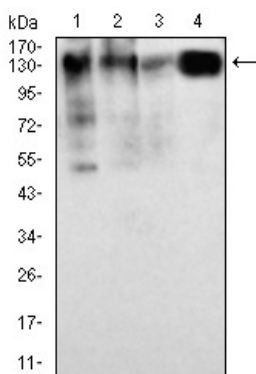
MAP4K4: mitogen-activated protein kinase kinase kinase kinase 4. The protein encoded by this gene is a member of the serine/threonine protein kinase family. This kinase has been shown to specifically activate MAPK8/JNK. The activation of MAPK8 by this kinase is found to be inhibited by the dominant-negative 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.

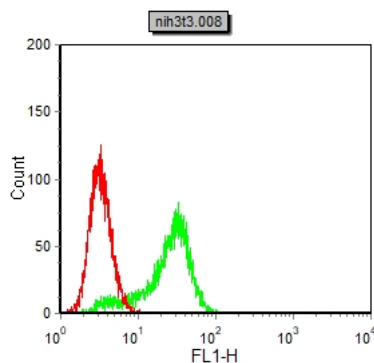
Research Area

MAPK signaling pathway

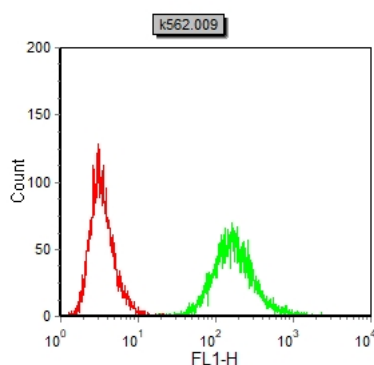
Image Data



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



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



Flow cytometric analysis of K562 cells using MAP4K4 mouse mAb (green) and negative control (red).