

Product datasheet for **AM06248SU-N**

MAP4K4 Mouse Monoclonal Antibody [Clone ID: 4H9E7]

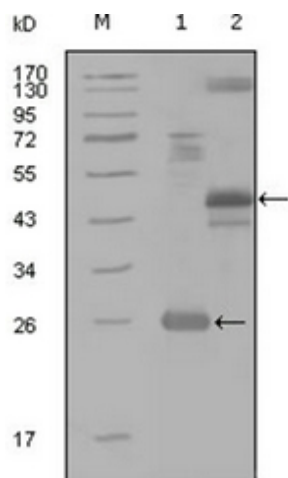
Product data:

Product Type:	Primary Antibodies
Clone Name:	4H9E7
Applications:	WB
Recommended Dilution:	ELISA: 1/10000. Western Blot: 1/500 - 1/2000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of MAP4K4 (aa400-500) expressed in E. Coli.
Specificity:	Recognizes Mitogen-activated protein kinase kinase kinase kinase 4 (MAP4K4).
Formulation:	State: Ascites State: Ascitic fluid containing 0.03% Sodium Azide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	mitogen-activated protein kinase kinase kinase kinase 4
Database Link:	Entrez Gene 9448 Human O95819
Background:	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.
Synonyms:	MEKKK 4, MAPK/ERK kinase kinase kinase 4, NIK



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Product images:



Western blot analysis using MAP4K4 antibody against truncated Trx-MAP4K4 recombinant protein (Lane 1), MBP-MAP4K4 (aa300-400) recombinant protein (Lane 2) and MAP4K4 (aa194-436)-hlgGFc transfected CH0-K1 cell lysate (Lane 3).