

## Mouse Monoclonal Antibody to MAP4K4

<b>Catalogue Number</b>	sAP-0191
<b>Target Molecule</b>	<p><b>Name:</b> MAP4K4</p> <p><b>Aliases:</b> HGK; NIK</p> <p><b>MW:</b> N/A</p> <p><b>Entrez Gene ID:</b> 9448</p>
<b>Description</b>	<p>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.</p>
<b>Immunogen</b>	Purified recombinant fragment of MAP4K4 (aa400-500) expressed in E. Coli.
<b>Recombinant Species</b>	Human
<b>Clone</b>	MM4H9E7;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	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. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**