

Product datasheet for **AM06683SU-N**

MEKK2 (MAP3K2) Mouse Monoclonal Antibody [Clone ID: 4B4]

Product data:

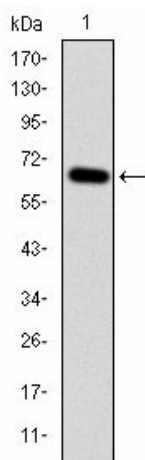
Product Type:	Primary Antibodies
Clone Name:	4B4
Applications:	ELISA, IF, WB
Recommended Dilution:	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of human MAP3K2 expressed in E. Coli.
Specificity:	This antibody reacts to MAP3K2.
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.
Predicted Protein Size:	70 kDa
Gene Name:	mitogen-activated protein kinase kinase kinase 2
Database Link:	Entrez Gene 10746 Human Q9Y2U5
Background:	The protein encoded by this gene is a member of serine/threonine protein kinase family. This kinase preferentially activates other kinases involved in the MAP kinase signaling pathway. This kinase has been shown to directly phosphorylate and activate I kappa B kinases, and thus plays a role in NF-kappa B signaling pathway. This kinase has also been found to bind and activate protein kinase C-related kinase 2, which suggests its involvement in a regulated signaling process.



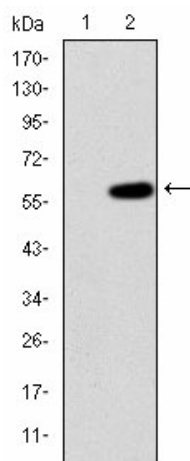
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Synonyms: MAPKKK2, MEKK2

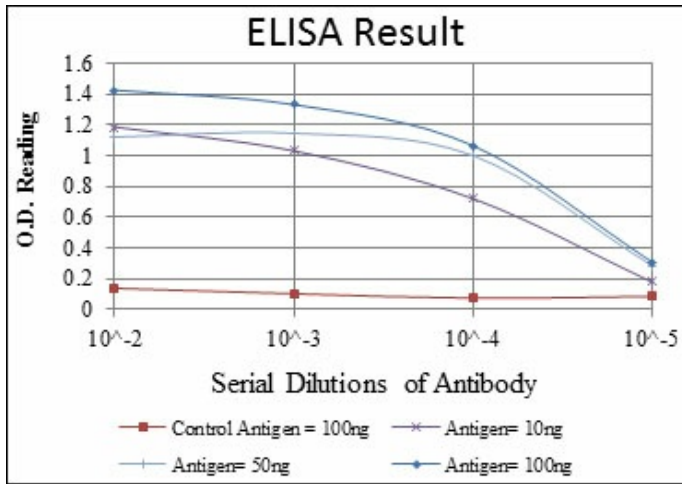
Product images:



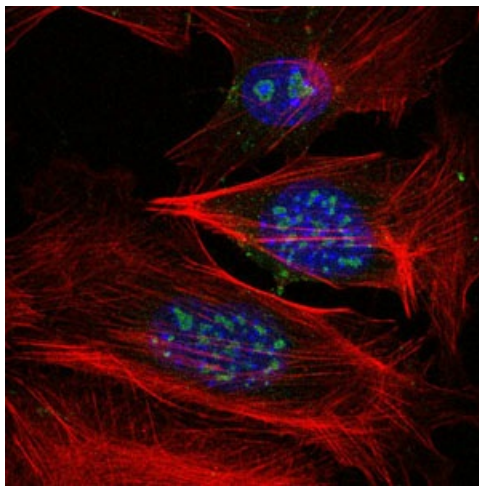
Western blot analysis using MAP3K2 mAb against human MAP3K2 (AA: 148-359) recombinant protein. (Expected MW is 49.2 kDa)



Western blot analysis using MAP3K2 mAb against HEK293 (1) and MAP3K2 (AA: 148-359)-hlgGfc transfected HEK293 (2) cell lysate.



Red: Control Antigen (100ng) Purple: Antigen (10ng) Green: Antigen (50ng) Blue: Antigen (100ng)



Immunofluorescence analysis of 3T3-L1 cells using MAP3K2 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.