Product datasheet for AM06199SU-N

MAPK11 Mouse Monoclonal Antibody [Clone ID: 4H6H6]

Product data:

Product Type:	Primary Antibodies
Clone Name:	4H6H6
Applications:	WB
Recommended Dilution:	**ELISA:** 1/10000. **Western Bloting:** 1/500 - 1/2000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of MAPK11 (aa 251-363) expressed in E. Coli.
Specificity:	Recognizes MAPK11
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 11
Database Link:	Entrez Gene 5600 Human Q15759
Background:	Mitogen-activated protein kinase 11.The protein encoded by this gene is a member of the MAP kinase family. MAP kinases act as an integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation, and development. This kinase is most closely related to p38 MAP kinase, both of which can be activated by proinflammatory cytokines and environmental stress. This kinase is activated through its phosphorylation by MAP kinase kinases (MKKs), preferably by MKK6. Transcription factor ATF2/CREB2 has been shown to be a substrate of this kinase.

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Synonyms: PRKM11, SAPK2, Mitogen-activated protein kinase 11, p38-2, Stress-activated protein kinase 2

Product images:
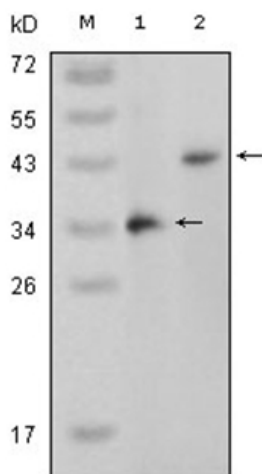
Western blot analysis using MAPK11 antibody Cat.-No AM06199SU-N against truncated MAPK11 recombinant protein (Lane 1) and full-length MAPK11 (aa1-363)-pcDNA3.1 transfected CHO-K1 cell lysate (Lane 2).