

Mouse Monoclonal Antibody to MAPK11

Catalogue Number	sAP-0138
Target Molecule	Name: MAPK11 Aliases: MAPK11 MW: N/A Entrez Gene ID: 5600
Description	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.
Immunogen	Purified recombinant fragment of MAPK11 (aa251-363) expressed in E. Coli.
Recitative Species	Human
Clone	MM4H6H6;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Mol Cell Biol. 2005 Dec;25(23):10454-64. ; 2. Biol Reprod. 2005 Dec;73(6):1282-8. Epub 2005 Aug 24.

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**