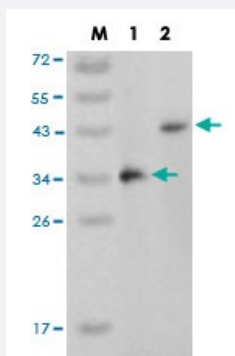


MAPK11 monoclonal antibody, clone 4H6H6

Catalog # MAB17681 Size 100 uL

Applications



Western Blot (Transfected lysate)

Western blot analysis of (1) truncated MAPK11 recombinant protein and (2) full length MAPK11-pcDNA3.1 transfected CHO-K1 cell lysate with MAPK11 monoclonal antibody.

Specification

Product Description	Mouse monoclonal antibody raised against recombinant human MAPK11.
Immunogen	Recombinant protein corresponding to amino acids 251-363 of human MAPK11 from <i>E. coli</i> .
Host	Mouse
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Flow Cytometry Immunocytochemistry Immunohistochemistry Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In ascites (0.03% sodium azide).

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

Western blot analysis of (1) truncated MAPK11 recombinant protein and (2) full length MAPK11-pcDNA3.1 transfected CHO-K1 cell lysate with MAPK11 monoclonal antibody.

Gene Info — MAPK11

Entrez GeneID [5600](#)

Gene Name MAPK11

Gene Alias P38B, P38BETA2, PRKM11, SAPK2, SAPK2B, p38-2, p38Beta

Gene Description mitogen-activated protein kinase 11

Omim ID [602898](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations OTTHUMP00000196655|mitogen-activated protein kinase p38 beta|mitogen-activated protein kinase p38-2|stress-activated protein kinase-2|stress-activated protein kinase-2b

Pathway

- [Amyotrophic lateral sclerosis \(ALS\)](#)
- [Epithelial cell signaling in Helicobacter pylori infection](#)

- [Fc epsilon RI signaling pathway](#)
- [GnRH signaling pathway](#)
- [Leukocyte transendothelial migration](#)
- [MAPK signaling pathway](#)
- [Neurotrophin signaling pathway](#)
- [T cell receptor signaling pathway](#)
- [Toll-like receptor signaling pathway](#)
- [VEGF signaling pathway](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [HIV Infections](#)