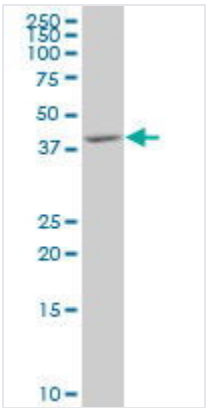
MAPK13 Antibody – Mouse Monoclonal

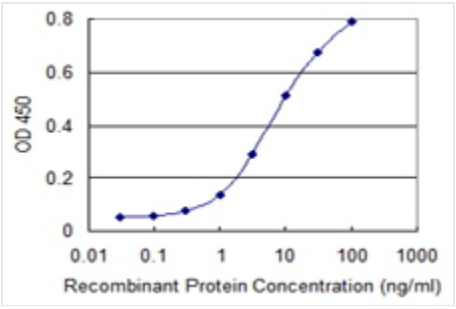
PRODUCT OVERVIEW

Product Name	MAPK13, Monoclonal Antibody
Full Product Name	MAPK13 (Mitogen-Activated Protein Kinase 13, MGC99536, PRKM13, SAPK4, p38delta) (FITC)
Product Gene Name	anti-MAPK13 antibody
Product Synonym Names	Mitogen-Activated Protein Kinase 13; MGC99536; PRKM13; SAPK4; p38delta
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	3G6
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).
Purity/Purification	Purified
Specificity	Recognizes MAPK13.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in as FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Immunogen	MAPK13 (AAH00433, 251aa-365aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	NDKAAKSYIQSLPQTPRKDFTQLFPRASPQAADLLEKMLELDVDRRLTAAQALTHPFFEPFRDPEEETEAQQPFDDSLEHEKLTVDEWKQHIYKEIVNFSP
Conjugate	FITC
Product Categories/Family for anti-MAPK13 antibody	Antibodies; Protein Kinases
Applications Tested/Suitable for anti-MAPK13 antibody	Western Blot (WB)
Application Notes for anti-MAPK13 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-MAPK13 antibody	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 wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development. This kinase is closely related to p38 M which can be activated by proinflammatory cytokines and cellular stress. MAP kinase kinases 3, and 6 can phosphorylate and activate this kinase. Tran ATF2, and microtubule dynamics regulator stathmin have been shown to be the substrates of this kinase. [provided by RefSeq]
Other Notes	Small volumes of anti-MAPK13 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If nece centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional apply.

Searchable Terms for MAPK13 purchase	MBS6175844 is an antibody targeting MAPK13. Also known as MAPK13 (Mitogen-Activated Protein Kinase 13, MGC99536, PRKM13, SAPK4, p38delt Mouse.



Western Blot (WB) of anti-MAPK13 antibody
MAPK13 monoclonal antibody (M07), clone 3G6 Western Blot analysis of MAPK13 expression in HepG2 (Cat # L019V1).



Testing Data of anti-MAPK13 antibody
Detection limit for recombinant GST tagged MAPK13 is 0.3 ng/ml as a capture antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MAPK13. It may not necessarily be applicable to this product.

NCBI GI #	12653329
NCBI GeneID	5603
NCBI Accession #	AAH00433
UniProt Related Accession #	O15264
NCBI Official Full Name	Mitogen-activated protein kinase 13
NCBI Official Synonym Full Names	mitogen-activated protein kinase 13
NCBI Official Symbol	MAPK13
NCBI Official Synonym Symbols	SAPK4; PRKM13; MAPK 13; MAPK-13; p38delta
NCBI Protein Information	mitogen-activated protein kinase 13
NCBI Summary for MAPK13	This gene encodes a member of the mitogen-activated protein (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. The encoded protein is a p38 MAP kinase and is activated by proinflammatory cytokines and cellular stress. Substrates of the encoded protein include the transcription factor ATF2 and the microtubule dynamics regulator stathmin. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, Jul 2012]
Research Articles on MAPK13	**1.** p38delta promotes micro-aggregate transport by phosphorylating SQSTM1, a major scaffold protein that assembles soluble ubiquitylated proteins into micro-aggregates.
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