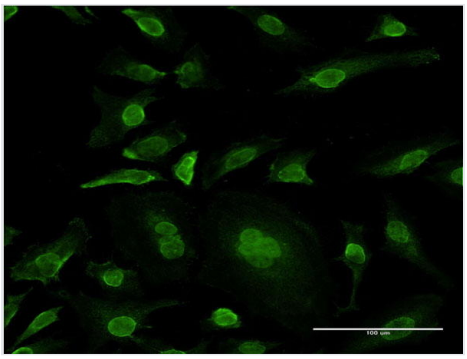
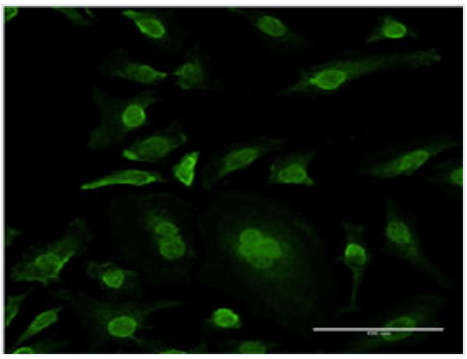
MAPK10 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	MAPK10, Monoclonal Antibody
Full Product Name	MAPK10 (Mitogen-Activated Protein Kinase 10, FLJ12099, FLJ33785, JNK3, JNK3A, MGC50974, PRKM10, p493F12, p54bSAPK) (Biotin)
Product Gene Name	anti-MAPK10 antibody
Product Synonym Names	Mitogen-Activated Protein Kinase 10; FLJ12099; FLJ33785; JNK3; JNK3A; MGC50974; PRKM10; p493F12; p54bSAPK
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	4E12-1F7
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin.
Purity/Purification	Purified
Specificity	Recognizes MAPK10.
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
Immunogen	MAPK10 (AAH65516.1, 1aa-319aa) full-length recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MELMDANLCQVIQMELDHERMSYLLYQMLCGIKHLHSAGIIHRDLKPSNIVVKSDCTLKILDFGLARTAGTSFMMTPYVVTRYYRAPEVILGMGYKENVDIW
Conjugate	Biotin
Product Categories/Family for anti-MAPK10 antibody	Antibodies; Protein Kinases
Applications Tested/Suitable for anti-MAPK10 antibody	ELISA (EIA), Immunofluorescence (IF), Western Blot (WB)
Application Notes for anti-MAPK10 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-MAPK10 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 neuronal apoptosis. Beta-arrestin 2, a receptor-regulated MAP kinase scaffold protein, is found to interact with, and stimulate the phosphorylation of thi
Other Notes	Small volumes of anti-MAPK10 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If nece
Searchable Terms for MAPK10 purchase	MBS6170516 is an antibody targeting MAPK10. Also known as MAPK10 (Mitogen-Activated Protein Kinase 10, FLJ12099, FLJ33785, JNK3, JNK3A, M



Immunofluorescence (IF) of anti-MAPK10 antibody
Immunofluorescence of monoclonal antibody to MAPK10 on HeLa cell. [antibody concentration 10 ug/ml]



Immunofluorescence (IF) of anti-MAPK10 antibody
Immunofluorescence of monoclonal antibody to MAPK10 on HeLa cell. [antibody concentration 10 ug/ml]

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MAPK10. It may not necessarily be applicable to this product.

NCBI GI #	41350834
NCBI GeneID	5602
NCBI Accession #	AAH65516.1
UniProt Related Accession #	P53779
NCBI Official Full Name	MAPK10 protein
NCBI Official Synonym Full Names	mitogen-activated protein kinase 10
NCBI Official Symbol	MAPK10
NCBI Official Synonym Symbols	JNK3; JNK3A; PRKM10; SAPK1b; p493F12; p54bSAPK
NCBI Protein Information	mitogen-activated protein kinase 10
NCBI Summary for MAPK10	The protein encoded by this gene is a member of the MAP kinase family. MAP kinases act as integration points for multiple biochemical signals, and thus are involved in a wide variety of cellular processes, such as proliferation, differentiation, transcription regulation and development. This kinase is specifically expressed in a subset of neurons in the nervous system, and is activated by threonine and tyrosine phosphorylation. Targeted deletion of this gene in mice suggests that it may have a role in stress-induced neuronal apoptosis. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. A recent study provided evidence for translational readthrough in this gene, and expression of an additional C-terminally extended isoform via the use of an alternative in-frame translation termination codon. [provided by RefSeq, Dec 2017]
Research Articles on MAPK10	**1.** the present study identified a novel significant association between the increased expression levels of MAPK10, TUBB2B and RASL11B, and neuroblastoma cells.
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