MAPK12 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	MAPK12, Monoclonal Antibody
Full Product Name	MAPK12 (Mitogen-Activated Protein Kinase 12, ERK3, ERK6, P38GAMMA, PRKM12, SAPK-3, SAPK3) (MaxLight 750)
Product Gene Name	anti-MAPK12 antibody
Product Synonym Names	Mitogen-Activated Protein Kinase 12; ERK3; ERK6; P38GAMMA; PRKM12; SAPK-3; SAPK3
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	1B3
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight750.
Purity/Purification	Purified
Specificity	Recognizes MAPK12.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight750 conjugates are sensitive to light. For maximum recovery of produc vial prior to removing the cap.
Immunogen	MAPK12 (AAH15741, 251aa-367aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	QRLQSDEAKNYMKGLPELEKKDFASILTNASPLAVNLLEKMLVLDAEQRVTAGEALAHPYFESLHDTEDEPQVQKYDDSFDDVDRTLDEWKRVTYKEVLS
Conjugate	MaxLight750
Product Categories/Family for anti-MAPK12 antibody	Antibodies; Protein Kinases
Applications Tested/Suitable for anti-MAPK12 antibody	FLISA, Immunofluorescence (IF), Western Blot (WB)
Application Notes for anti-MAPK12 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-MAPK12 antibody	Activation of members of the mitogen-activated protein kinase family is a major mechanism for transduction of extracellular signals. Stress-activated pr subclass of MAP kinases. The protein encoded by this gene functions as a signal transducer during differentiation of myoblasts to myotubes. [provided
Other Notes	Small volumes of anti-MAPK12 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If nece 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 dry ice fee

Searchable Terms for MAPK12 purchase	MBS6239300 is an antibody targeting MAPK12. Also known as MAPK12 (Mitogen-Activated Protein Kinase 12, ERK3, ERK6, P38GAMMA, PRKM12, S (MaxLight 750). Host: Mouse.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MAPK12. It may not necessarily be applicable to this product.

NCBI GI #	16041727
NCBI GeneID	6300
NCBI Accession #	AAH15741
UniProt Related Accession #	P53778
NCBI Official Full Name	Mitogen-activated protein kinase 12
NCBI Official Synonym Full Names	mitogen-activated protein kinase 12
NCBI Official Symbol	MAPK12
NCBI Official Synonym Symbols	ERK3; ERK6; ERK-6; SAPK3; PRKM12; SAPK-3; MAPK 12; P38GAMMA
NCBI Protein Information	mitogen-activated protein kinase 12
Research Articles on MAPK12	**1.** p38 MAPK gamma (p38gamma) acts as a CDK-like kinase and thus cooperates with CDKs, regulating entry into the cell cycle; p38gamma shares high sequence homology, inhibition sensitivity and substrate specificity with CDK family members; biopsies of human hepatocellular carcinoma show high expression of p38gamma, suggesting that p38gamma could be a therapeutic target in the treatment of this disease
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/monoclonal-antibody/mapk12/6239300