MAP2K5 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	MAP2K5, Monoclonal Antibody
Full Product Name	MAP2K5 (Mitogen-Activated Protein Kinase Kinase 5, HsT17454, MAPKK5, MEK5, PRKMK5) (MaxLight 490)
Product Gene Name	anti-MAP2K5 antibody
Product Synonym Names	Mitogen-Activated Protein Kinase Kinase 5; HsT17454; MAPKK5; MEK5; PRKMK5
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	2C2
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight490.
Purity/Purification	Purified
Specificity	Recognizes MAP2K5.
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 use. Further dilutions can be made in assay buffer. Caution: MaxLight490 conjugates are sensitive to light. For maximum recovery of product, centrifug removing the cap.
Immunogen	MAP2K5 (AAH08838, 1aa-120aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MLWLALGPFPAMENQVLVIRIKIPNSGAVDWTVHSGPQLLFRDVLDVIGQVLPEATTTAFEYEDEDGDRITVRSDEEMKAMLSYYYSTVMEQQVNGQLIEF
Conjugate	MaxLight490
Product Categories/Family for anti-MAP2K5 antibody	Antibodies; Protein Kinases
Applications Tested/Suitable for anti-MAP2K5 antibody	Immunofluorescence (IF), Western Blot (WB)
Application Notes for anti-MAP2K5 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-MAP2K5 antibody	The protein encoded by this gene is a dual specificity protein kinase that belongs to the MAP kinase kinase family. This kinase specifically interacts wit MAPK7/ERK5. This kinase itself can be phosphorylated and activated by MAP3K3/MEKK3, as well as by atypical protein kinase C isoforms (aPKCs). T mediated by this kinase is involved in growth factor stimulated cell proliferation and muscle cell differentiation. Four alternatively spliced transcript varia distinct isoforms have been described. [provided by RefSeq]
Other Notes	Small volumes of anti-MAP2K5 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If nece 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 ma

Searchable Terms for MAP2K5 purchase	MBS6207252 is an antibody targeting MAP2K5. Also known as MAP2K5 (Mitogen-Activated Protein Kinase Kinase 5, HsT17454, MAPKK5, MEK5, PR Host: Mouse.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MAP2K5. It may not necessarily be applicable to this product.

NCBI GI #	14250738
NCBI GeneID	5607
NCBI Accession #	AAH08838
UniProt Related Accession #	Q13163
NCBI Official Full Name	Mitogen-activated protein kinase kinase 5
NCBI Official Synonym Full Names	mitogen-activated protein kinase kinase 5
NCBI Official Symbol	MAP2K5
NCBI Official Synonym Symbols	MEK5; MAPKK5; PRKMK5; HsT17454
Protein Family	Dual specificity mitogen-activated protein kinase kinase
NCBI Protein Information	dual specificity mitogen-activated protein kinase kinase 5
NCBI Summary for MAP2K5	The protein encoded by this gene is a dual specificity protein kinase that belongs to the MAP kinase kinase family. This kinase specifically interacts with and activates MAPK7/ERK5. This kinase itself can be phosphorylated and activated by MAP3K3/MEKK3, as well as by atypical protein kinase C isoforms (aPKCs). The signal cascade mediated by this kinase is involved in growth factor stimulated cell proliferation and muscle cell differentiation. Three alternatively spliced transcript variants of this gene encoding distinct isoforms have been described. [provided by RefSeq, May 2011]
Research Articles on MAP2K5	**1.** MAP2K5/SKOR1 may be associated with Chinese essential tremor patients.
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.
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