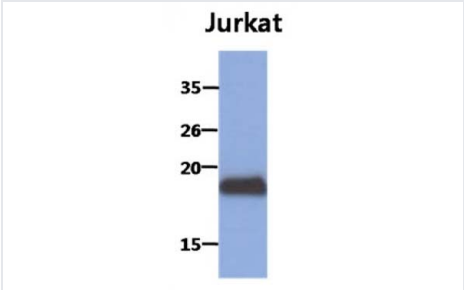
MAFK Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	MAFK, Monoclonal Antibody
Full Product Name	MAFK antibody
Product Gene Name	anti-MAFK antibody
Product Synonym Names	Mouse monoclonal MAFK antibody; Monoclonal MAFK antibody; Anti-MAFK antibody; Transcription factor MafK antibody; NFE2U antibody; P18 antibody
Clonality	Monoclonal
Isotype	IgG2a kappa
Clone Number	AT2F7
Host	Mouse
Form/Format	Liquid form in Phosphate-Buffered Saline (pH 7.4) containing 10% Glycerol and 0.02% Sodium Azide
Purity/Purification	Purified by protein-A affinity chromatography
Concentration	1 mg/ml (lot specific)
Preparation and Storage	Can be stored at 4 degree C short term. For long term storage, aliquot and store at-20 degree C. Avoid repeated freezing and thawing cycles.
Molecular Weight	18,485 Da
Immunogen	MAFK antibody was raised in Mouse using recombinant human MAFK (1-156aa) purified from E Coli as the immunogen
Product Categories/Family for anti-MAFK antibody	DNA & RNA
Applications Tested/Suitable for anti-MAFK antibody	ELISA (EIA), Western Blot (WB)
Application Notes for anti-MAFK antibody	ELISA: 1:1000
Related Product Information for anti-MAFK antibody	The developmentally regulated expression of the globin genes depends on upstream regulatory elements termed locus control regions (LCRs). LCRs are associated with powerful enhancer activity that is mediated by the transcription factor NFE2 (nuclear factor erythroid-2). NFE2 DNA-binding activity consists of a heterodimer containing an 18-kD Maf protein (MafF, MafG or MafK) and p45. Since Maf homodimers lack a putative transactivation domain, the small Mafs behave as transcriptional repressors when they dimerize among themselves. However, they seem to serve as transcriptional activators by dimerizing with other (usually larger) basic-zipper proteins and recruiting them to specific DNA-binding sites. Small Maf proteins heterodimerize with Fos and may act as competitive repressors of the NF-E2 transcription factor. The MafK of Maf proteins is primarily expressed during development in mesenchymal and hematopoietic cells and neurons.
Other Notes	Small volumes of anti-MAFK antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly 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 dry ice fee may apply.
Searchable Terms for MAFK purchase	MBS5310101 is an antibody targeting MAFK. Also known as MAFK antibody. Host: Mouse.



Testing Data of anti-MAFK antibody
The cell lysates of Jurkat (30 ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with MAFK antibody (1:1000).

ADDITIONAL DETAILS

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

NCBI GI #	958325116
NCBI Accession #	JAO56233.1
NCBI Official Full Name	MAFK, partial
UniProt Protein Name	MAFK
UniProt Synonym Protein Names	MAFK
Protein Family	Transcription factor
UniProt Gene Name	MAFK
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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