MEF2A Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	MEF2A, Monoclonal Antibody
Full Product Name	MEF2A (Myocyte Enhancer Factor 2A, ADCAD1, RSRFC4, RSRFC9) (HRP)
Product Gene Name	anti-MEF2A antibody
Product Synonym Names	Myocyte Enhancer Factor 2A; ADCAD1; RSRFC4; RSRFC9
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	1D2
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with horseradish peroxidase (HRP).
Purity/Purification	Purified
Specificity	Recognizes MEF2A.
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
Molecular Weight	45,570 Da
Immunogen	MEF2A (AAH13437, 1aa-499aa) full-length recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MGRKKIQITRIMDERNRQVTFTKRKFGLMKKAYELSVLCDCEIALIIFNSSNKLFQYASTDMDKVLLKYTEYNEPHESRTNSDIVEALNKKEHRGCDSPDPD
Conjugate	HRP
Product Categories/Family for anti-MEF2A antibody	Antibodies; Transcription Factors
Applications Tested/Suitable for anti-MEF2A antibody	ELISA (EIA), Western Blot (WB)
Application Notes for anti-MEF2A antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-MEF2A antibody	MBS6182363 is an antibody targeting MEF2A. Also known as MEF2A (Myocyte Enhancer Factor 2A, ADCAD1, RSRFC4, RSRFC9) (HRP). Host: Mou
Other Notes	Small volumes of anti-MEF2A antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If neces

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MEF2A. It may not necessarily be applicable to this product.

NCBI GI #	15488587
NCBI GeneID	4205
NCBI Accession #	AAH13437
UniProt Secondary Accession #	O43814; Q14223; Q14224; Q59GX4; Q7Z6C9; Q96D14; B4DFQ7; F6XG23
UniProt Related Accession #	Q02078
NCBI Official Full Name	MEF2A protein
NCBI Official Synonym Full Names	myocyte enhancer factor 2A
NCBI Official Symbol	MEF2A
NCBI Official Synonym Symbols	mef2; ADCAD1; RSRFC4; RSRFC9
Protein Family	Myocyte-specific enhancer factor
NCBI Protein Information	myocyte-specific enhancer factor 2A
NCBI Summary for MEF2A	The protein encoded by this gene is a DNA-binding transcription factor that activates many muscle-specific, growth factor-induced, and stress-induced genes. The encoded protein can act as a homodimer or as a heterodimer and is involved in several cellular processes, including muscle development, neuronal differentiation, cell growth control, and apoptosis. Defects in this gene could be a cause of autosomal dominant coronary artery disease 1 with myocardial infarction (ADCAD1). Several transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Jan 2010]
Research Articles on MEF2A	**1.** six or seven amino acid deletions and synonymous mutations (147143G-->A)in exon 11 of the MEF2A gene may be correlated with susceptibility to coronary artery disease in the Chinese population
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