Mouse MEF2C Monoclonal Antibody | anti-MEF2C antibody

MEF2C antibody

CATALOG #	HOST	APPLICATIONS
AAA106756	**Mouse**	**Western Blot, Immunohistochemistry**

PRODUCT SYNONYMS

MEF2C; Monoclonal Antibody; MEF2C antibody; Monoclonal MEF2C; Anti-MEF2C; C5DELq14.3; DEL5q14.3; MEFC 2; MEFC-2; anti-MEF2C antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2B12
Purity/Purification	MEF2C antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	0.5-1 mg/ml (varies by lot)
Sequence Length	473
Applicable Applications for anti-MEF2C antibody	WB (Western Blot), IHC (Immunohistochemistry)
Biological Significance	This locus encodes a member of the MADS box transcription enhancer factor 2 (MEF2) family of proteins, which play a role in myogenesis. The encoded protein, MEF2 polypeptide C, has both trans-activating and DNA binding activities. This protein may play a role in maintaining the differentiated state of muscle cells. Mutations and deletions at this locus have been associated with severe mental retardation, stereotypic movements, epilepsy, and cerebral malformation. Alternatively spliced transcript variants have been described.
Cross-Reactivity	Human
Immunogen	MEF2C antibody was raised in Mouse using full length human recombinant protein of human MEF2C produced in HEK293T cell as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant MEF2C protein (Right) or empty vector (Left) detected with MEF2C antibody

IHC (Immunohistochemistry)
Immunohistochemical analysis of MEF2C protein in paraffin embedded Human liver tissue using MEF2C antibody

ADDITIONAL INFORMATION

Related Product Information for anti-MEF2C antibody	Mouse monoclonal MEF2C antibody

Product Categories/Family for anti-MEF2C antibody	DNA & RNA

NCBI AND UNIPROT INFORMATION

NCBI GI #	19923215
NCBI GeneID	4208
NCBI Accession #	NP_002388.2
NCBI GenBank Nucleotide #	NM_002397.4
UniProt Accession #	Q06413; C9JMZ0; D7F7N5; F8W7V7
Molecular Weight	50,242 Da
NCBI Official Full Name	myocyte-specific enhancer factor 2C isoform 1
NCBI Official Synonym Full Names	myocyte enhancer factor 2C
NCBI Official Symbol	MEF2C
NCBI Official Synonym Symbols	DEL5q14.3; C5DELq14.3
NCBI Protein Information	myocyte-specific enhancer factor 2C
UniProt Protein Name	Myocyte-specific enhancer factor 2C
UniProt Gene Name	**MEF2C**
UniProt Entry Name	MEF2C_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/mef2c-antibody-clone-2b12-western-blot-immunohistochemistry-elisa/106756