

Mouse MEF2C Monoclonal Antibody | anti-MEF2C antibody

MEF2C antibody

CATALOG # AAA107191	HOST Mouse	APPLICATIONS Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay
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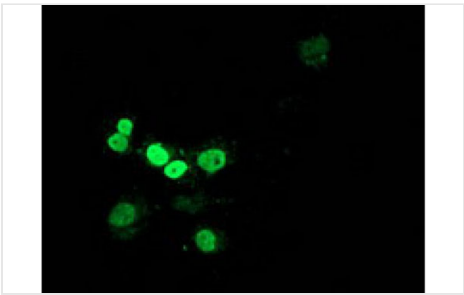
PRODUCT SYNONYMS

MEF2C; Monoclonal Antibody; MEF2C antibody; Monoclonal MEF2C; Anti-MEF2C; Myocyte enhancer factor 2C; OTTHUMP00000222410; MADS box transcription enhancer factor 2 polypeptide C; Myocyte specific enhancer factor 2C; DEL5q14.3; MEFC 2; MEFC-2; anti-MEF2C antibody

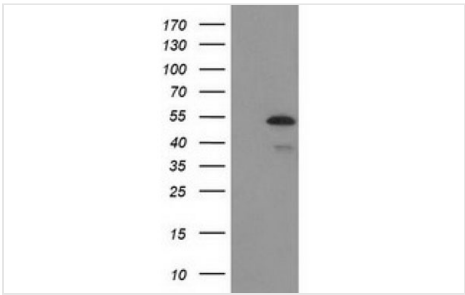
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	4B10
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	500 ug-1 mg/ml (varies by lot)
Sequence Length	473
Applicable Applications for anti-MEF2C antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
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.
Cross-Reactivity	Human
Immunogen	MEF2C antibody was raised in mouse using a full length recombinant protein of human MEF2C (NP_002388) produced in HEK293T cells, 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.

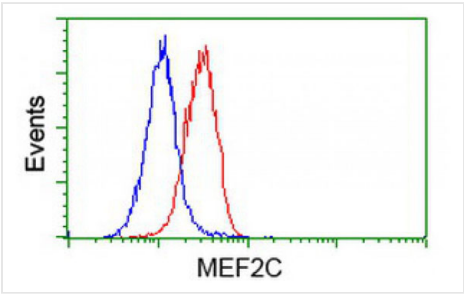
IMAGES



IF (Immunofluorescence)
Immunofluorescent staining of COS7 cells transiently transfected with recombinant MEF2C protein using MEF2C antibody



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



FCM/FACS (Flow Cytometry)
Flow Cytometric analysis of HeLa cells using MEF2C antibody (Red), compared to a nonspecific negative control antibody (Blue).

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
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

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-4b10-western-blot-immunofluorescence-flow-cytometry-elisa/107191>