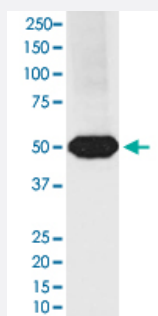


MEF2A/MEF2C monoclonal antibody, clone ABGA-13

Catalog # MAB20474 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of Raji cell lysate with MEF2A/MEF2C monoclonal antibody, clone ABGA-13 (Cat # MAB20474).

Specification

Product Description Rabbit monoclonal antibody raised against synthetic peptide of human MEF2A/MEF2C.

Immunogen A synthetic peptide corresponding to human MEF2A/MEF2C.

Host Rabbit

Reactivity Human

Form Liquid

Purification Affinity purification

Isotype IgG

Recommend Usage

- Flow Cytometry (1:30)
- Immunocytochemistry (1:50-1:200)
- Immunofluorescence (1:50-1:200)
- Immunohistochemistry (1:50-1:200)
- Western Blot (1:500-1:2000)
- The optimal working dilution should be determined by the end user.

Storage Buffer In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).

Storage Instruction

Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot analysis of Raji cell lysate with MEF2A/MEF2C monoclonal antibody, clone ABGA-13 (Cat # MAB20474).

- Immunohistochemistry

- Immunocytochemistry

- Immunofluorescence

- Flow Cytometry

Gene Info — MEF2A

Entrez GeneID[4205](#)**Protein Accession#**[Q02078;Q06413](#)**Gene Name**

MEF2A

Gene Alias

ADCAD1, RSRFC4, RSRFC9

Gene Description

myocyte enhancer factor 2A

Omim ID[600660](#) [608320](#)**Gene Ontology**[Hyperlink](#)

Gene Summary

The process of differentiation from mesodermal precursor cells to myoblasts has led to the discovery of a variety of tissue-specific factors that regulate muscle gene expression. The myogenic basic helix-loop-helix proteins, including myoD (MIM 159970), myogenin (MIM 159980), MYF5 (MIM 159990), and MRF4 (MIM 159991) are one class of identified factors. A second family of DNA binding regulatory proteins is the myocyte-specific enhancer factor-2 (MEF2) family. Each of these proteins binds to the MEF2 target DNA sequence present in the regulatory regions of many, if not all, muscle-specific genes. The MEF2 genes are members of the MADS gene family (named for the yeast mating type-specific transcription factor MCM1, the plant homeotic genes 'agamous' and 'deficiens' and the human serum response factor SRF (MIM 600589)), a family that also includes several homeotic genes and other transcription factors, all of which share a conserved DNA-binding domain.[supplied by OMIM]

Other Designations

MADS box transcription enhancer factor 2, polypeptide A (myocyte enhancer factor 2A)

Gene Info — MEF2C

Entrez GeneID

[4208](#)

Protein Accession#

[Q02078;Q06413](#)

Gene Name

MEF2C

Gene Alias

-

Gene Description

myocyte enhancer factor 2C

Omim ID

[600662](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

polypeptide C (myocyte enhancer factor 2C)

Other Designations

MADS box transcription enhancer factor 2, polypeptide C (myocyte enhancer factor 2C)

Pathway

- [MAPK signaling pathway](#)

Disease

- [Atherosclerosis](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)

- [Cardiomyopathy](#)
- [Cardiovascular Diseases](#)
- [Cardiovascular Diseases](#)
- [Chromosome Deletion](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Diabetes Mellitus](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Edema](#)
- [Fractures](#)
- [Genetic Predisposition to Disease](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Hypertrophy](#)
- [Insulin Resistance](#)
- [Mental Retardation](#)
- [Myocardial Infarction](#)
- [Myocardial Ischemia](#)
- [Polycystic Ovary Syndrome](#)
- [Syndrome](#)
- [Tobacco Use Disorder](#)