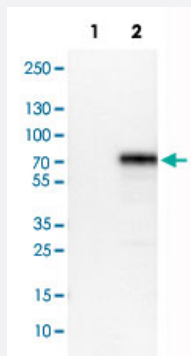


MEF2C monoclonal antibody, clone CL0368

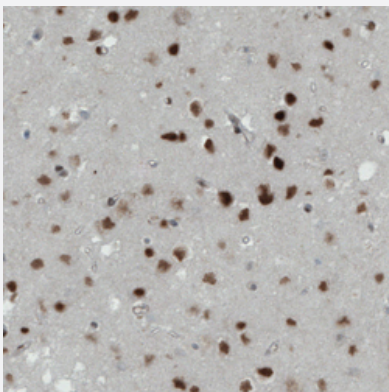
Catalog # MAB15618 Size 100 uL

Applications



Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: negative control (vector only transfected HEK293T cell lysate) and Lane 2: over-expression lysate (co-expressed with a C-terminal myc-DDK tag in mammalian HEK293T cells) with MEF2C monoclonal antibody, clone CL0368 (Cat # MAB15618).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human cerebral cortex with MEF2C monoclonal antibody, clone CL0368 (Cat # MAB15618) shows strong immunoreactivity in neuronal cells.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human MEF2C.
Immunogen	Recombinant protein corresponding to human MEF2C.
Epitope	This antibody binds to an epitope located within the peptide sequence SNPVSSLGNPNLLPL as determined by overlapping synthetic peptides.
Sequence	PPNFEMPVSI PVSSHNSLVSNPVSSLGNPNLLPLAHPSLQRNSMSPGVTHRPPSAGNTGGLMG GDLTSGAGTSAGNGYGNPRNSPGLLVSPGNLNKNMQAKSPPPMNLGMNNRKPDLRVLIPPGSK NTMPSVNQRIIN

Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein A purification
Isotype	IgG1
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:500-1:1000) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to 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

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Gene Info — MEF2C

Entrez GeneID	4208
Protein Accession#	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

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Chromosome Deletion](#)
- [Diabetes Mellitus](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Fractures](#)
- [Genetic Predisposition to Disease](#)
- [Mental Retardation](#)
- [Syndrome](#)