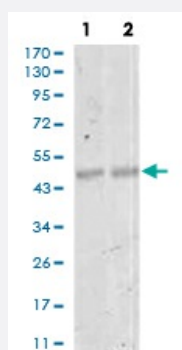


MEF2C monoclonal antibody, clone 6H2G2

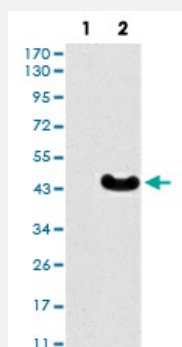
Catalog # MAB17755 Size 100 ug

Applications



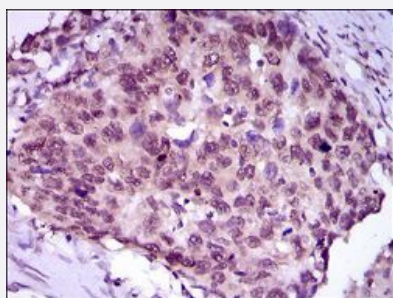
Western Blot (Cell lysate)

Western blot analysis of (1) NIH/3T3 cell, (2) 3T3-L1 cell with MEF2C monoclonal antibody.



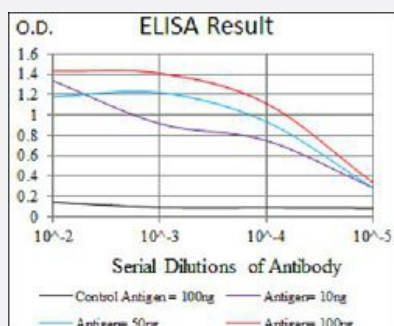
Western Blot (Transfected lysate)

Western blot analysis of (1) HEK293 cells, (2) MEF2C-hlgGfC transfected HEK293 cell lysate with MEF2C monoclonal antibody.



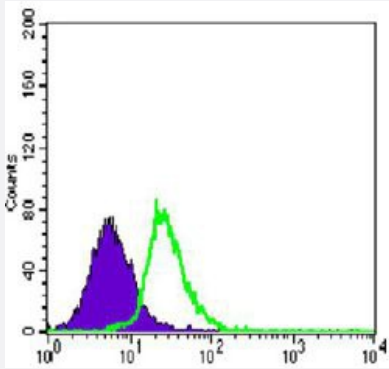
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of paraffin-embedded esophageal cancer tissue with MEF2C monoclonal antibody.



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of MEF2C monoclonal antibody, clone 6H2G2.



Flow Cytometry

Flow cytometric analysis of HeLa cells with MEF2C monoclonal antibody (green) and negative control (purple).

Specification

Product Description	Mouse monoclonal antibody raised against recombinant human MEF2C.
Immunogen	Recombinant protein corresponding to amino acids 1-125 of human MEF2C from <i>E. coli</i> .
Host	Mouse
Theoretical MW (kDa)	51.2
Reactivity	Human, Mouse
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Flow Cytometry (1:200-1:400) Immunocytochemistry Immunohistochemistry (1:200-1:1000) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% 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

- Western Blot (Cell lysate)

Western blot analysis of (1) NIH/3T3 cell, (2) 3T3-L1 cell with MEF2C monoclonal antibody.

- Western Blot (Transfected lysate)

Western blot analysis of (1) HEK293 cells, (2) MEF2C-hlgGfc transfected HEK293 cell lysate with MEF2C monoclonal antibody.

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

Immunohistochemical staining of paraffin-embedded esophageal cancer tissue with MEF2C monoclonal antibody.

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of MEF2C monoclonal antibody, clone 6H2G2.

- Flow Cytometry

Flow cytometric analysis of HeLa cells with MEF2C monoclonal antibody (green) and negative control (purple).

Gene Info — MEF2C

Entrez GeneID	4208
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Gene Name	MEF2C
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Gene Alias	-
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Gene Description	myocyte enhancer factor 2C
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Omim ID	600662
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Gene Ontology	Hyperlink
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Gene Summary	polypeptide C (myocyte enhancer factor 2C)
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Other Designations	MADS box transcription enhancer factor 2, polypeptide C (myocyte enhancer factor 2C)
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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](#)