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## Summary

<b>Production Name</b>	MEF2C Mouse Monoclonal Antibody
<b>Description</b>	Mouse Monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB,IHC,FC,ELISA
<b>Reactivity</b>	Human,Mouse,Rat,Rabbit,Monkey

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide
<b>Purification</b>	Affinity Purification

## Immunogen

<b>Gene Name</b>	MEF2C
<b>Alternative Names</b>	DEL5q14.3; C5DELq14.3
<b>Gene ID</b>	4208.0
<b>SwissProt ID</b>	Q06413.Purified recombinant fragment of human MEF2C (AA: 1-125) expressed in E. Coli.

## Application

<b>Dilution Ratio</b>	WB:1:500-1:2000,IHC:1:100-1:500,FC:1:200-1:400,ELISA:1:10000
<b>Molecular Weight</b>	51.2kDa

## Background

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**Product Name: MEF2C Mouse Monoclonal Antibody**  
**Catalog #: AMM81203**

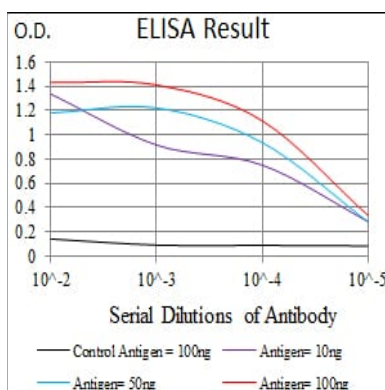


This locus encodes a member of the MADS box transcription enhancer factor 2 (MEF2) family of proteins, which play a role in myogenesis. The encoded protein, MEF2 polypeptide C, has both trans-activating and DNA binding activities. This protein may play a role in maintaining the differentiated state of 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.

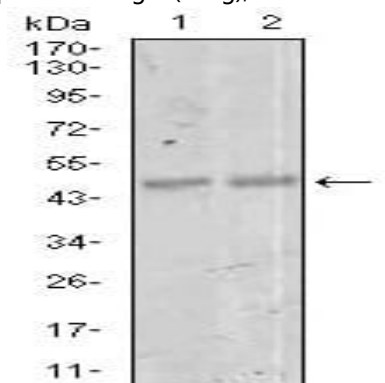
## Research Area

Apoptosis, MAPK signaling pathway

## Image Data

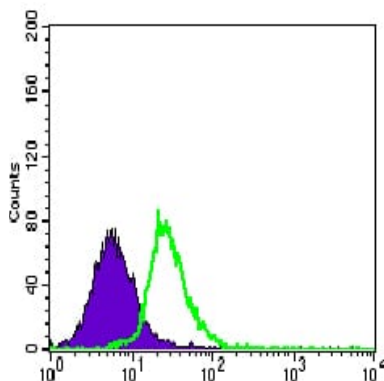


Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);

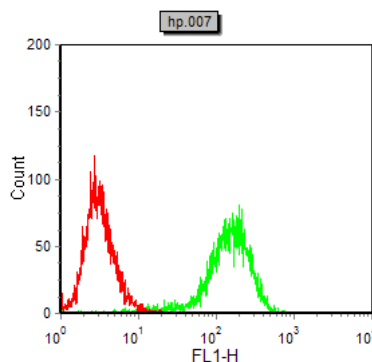


Western blot analysis using MEF2C mouse mAb against NIH3T3 (1) and 3T3-L1 (2) cell lysate.

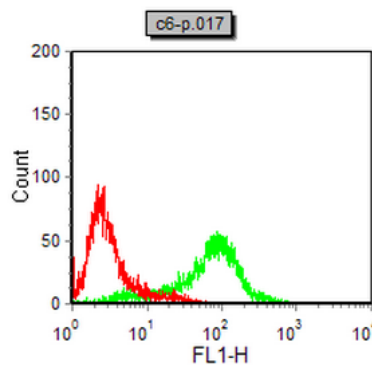
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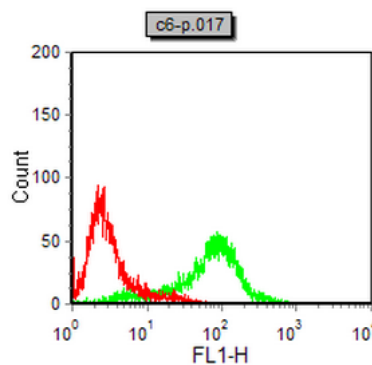
Flow cytometric analysis of HeLa cells using MEF2C mouse mAb (green) and negative control (purple).



Flow cytometric analysis of HeLa cells using MEF2C mouse mAb (green) and negative control (red).



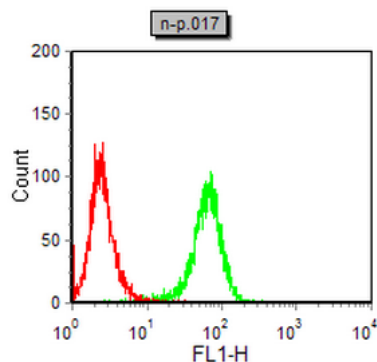
Flow cytometric analysis of C6 cells using MEF2C mouse mAb (green) and negative control (red).



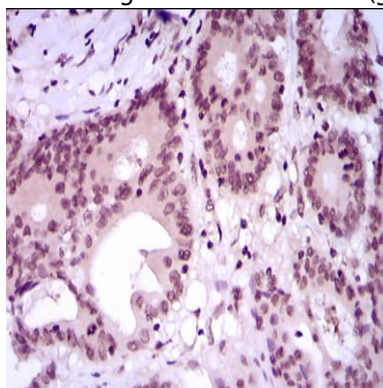
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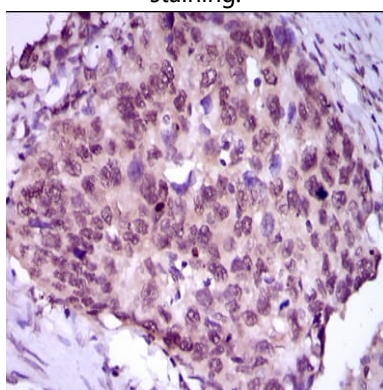
Flow cytometric analysis of NIH/3T3 cells using MEF2C mouse mAb (green) and negative control (red).



Flow cytometric analysis of COS7 cells using MEF2C mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissues using MEF2C mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human esophageal cancer tissues using MEF2C mouse mAb with DAB staining.

**Note**

For research use only.