

## Anti-MEF2C Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

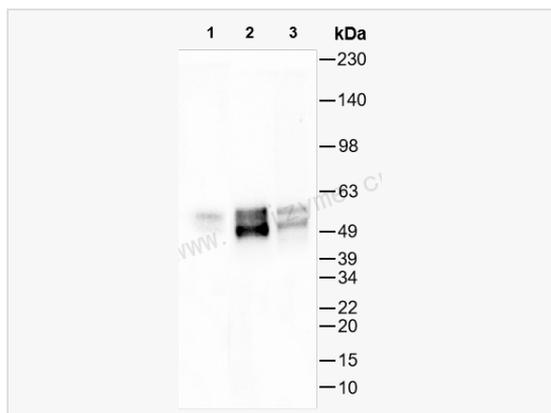
Catalog # R016044

### Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human, Rat
Dilution	WB 1:1,000~1:2,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	90K36J13
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human MEF2C
Format	Affinity purified monoclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-MEF2C Rabbit mAb [90K36J13] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

Synonyms	C5DELq14.3; DEL5q14.3; MEF2C.
Calculated MW	Calculated MW: 51 kDa; Observed MW: 50-60 kDa
Uniprot ID	Q06413
Gene ID	4208
Background	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 cognitive disability, stereotypic movements, epilepsy, and cerebral malformation. Alternatively spliced transcript variants have been described. [provided by RefSeq, Jul 2010]
Cellular Location	Nucleus Cytoplasm Sarcoplasm
Tissue Location	Expressed in brain and skeletal muscle.



Western Blot - Anti-MEF2C Rabbit mAb [90K36J13]

All lanes: R016044 at 1:1,000 dilution

Lane 1: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates

Lane 2: Rat brain whole tissue lysates

Lane 3: Rat muscle whole tissue lysates

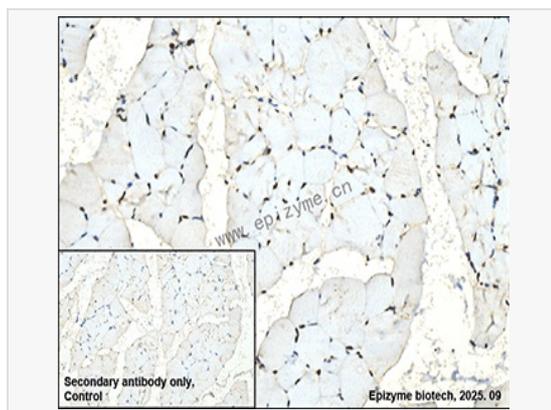
Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 51 kDa

Observed band size: 50-60 kDa

Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-MEF2C Rabbit mAb [90K36J13]

Sample: Paraformaldehyde-fixed, paraffin embedded rat muscle tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R016044 at 1:200 dilution

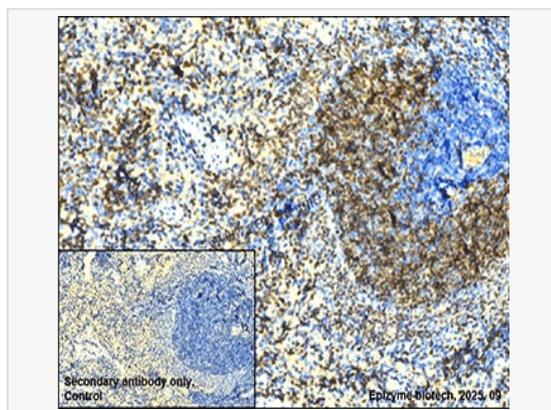
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.



Immunohistochemistry - Anti-MEF2C Rabbit mAb [90K36J13]

Sample: Paraformaldehyde-fixed, paraffin embedded rat spleen tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R016044 at 1:200 dilution

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.