bsm-62908R

[Primary Antibody]

Bioss ANTIBODIES

www.bioss.com.cn sales@bioss.com.cn techsupport@bioss.com.cn 400-901-9800

MEF2C Recombinant Rabbit mAb

- DATASHEET -

Host: Rabbit Isotype: IgG
Clonality: Recombinant CloneNo.: 10D12
GeneID: 4208 SWISS: Q06413

Target: MEF2C

Immunogen: A synthesized peptide derived from human MEF2C: 400-445.

Purification: affinity purified by Protein A

Storage: 10mM phosphate buffered saline(pH 7.4) with 150mM sodium

chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid

repeated freeze/thaw cycles.

Background: Transcription activator which binds specifically to the MEF2 element

present in the regulatory regions of many muscle-specific genes. Controls cardiac morphogenesis and myogenesis, and is also involved in vascular development. Enhances transcriptional activation mediated by SOX18. Plays an essential role in hippocampal-dependent learning and memory by suppressing the number of excitatory synapses and thus regulating basal and evoked

synaptic transmission.

Applications: WB (1:500-2000)

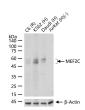
IHC-P (1:50-200) **IHC-F** (1:50-200) **IF** (1:50-200)

Reactivity: Human, Rat

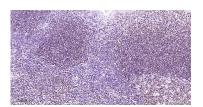
Predicted MW.: 51

Subcellular Nucleus

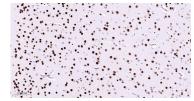
- VALIDATION IMAGES -



25 ug total protein per lane of various lysates (see on figure) probed with MEF2C monoclonal antibody, unconjugated (bsm-62908R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Tonsil; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with MEF2C Monoclonal Antibody, Unconjugated(bsm-62908R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Rat Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with MEF2C Monoclonal Antibody, Unconjugated(bsm-62908R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.