

Recombinant MEF2C Monoclonal Antibody

catalog number: AN302041L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

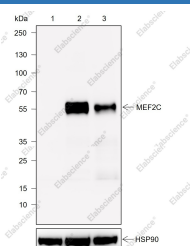
Reactivity	Human;Mouse;Rat
Immunogen	Peptide. This information is proprietary to PTMab.
Host	Rabbit
Isotype	Rabbit IgG
Clone	C121662
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

WB	1:5000
IHC	1:500

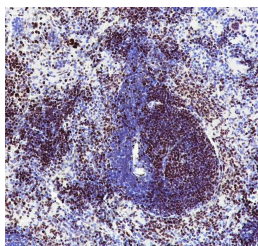
Data



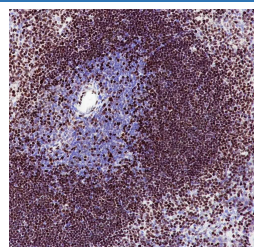
Western Blot with MEF2C Monoclonal Antibody at dilution of 1:1000. Lane 1: Jurkat (negative control), Lane 2: K562, Lane 3: Ramos

Observed-MW:55 kDa

Calculated-MW:51 kDa



Immunohistochemistry of paraffin-embedded Rat spleen using MEF2C Monoclonal Antibody at dilution of 1:500.



Immunohistochemistry of paraffin-embedded Mouse spleen using MEF2C Monoclonal Antibody at dilution of 1:500.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

For Research Use Only

Toll-free: 1-888-852-8623
Web: www.elabscience.com

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Rev. V1.2

MEF2C is a member of the MEF2 (myocyte enhancer factor 2) family of transcription factors. In mammals, there are four MEF2C-related genes (MEF2A, MEF2B, MEF2C and MEF2D) that encode proteins that exhibit significant amino acid sequence similarity within their DNA binding domains and, to a lesser extent, throughout the rest of the proteins. The MEF2 family members were originally described as muscle specific DNA binding proteins that recognize MEF2 motifs found within the promoters of many muscle-specific genes. Recently, several groups have reported MEF2 binding activity and MEF2 proteins in a wide variety of cell types where these proteins appear to play an important role in growth factor- and stress-induced early gene responses.