

Product Datasheet

MEF2A+MEF2C Antibody



Catalog No: CY6885

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF FC

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Information

UniProt ID: Q06413/Q02078

All Names: ADCAD1; MADS box transcription enhancer factor 2, polypeptide A (myocyte enhancer factor 2A); MEF2; MEF2A; Myocyte enhancer factor 2A; RSRFC4; RSRFC9; Serum response factor like protein 1; MADS box transcription enhancer factor 2 polypeptide C (myocyte enhancer factor 2C); Myocyte enhancer factor 2C; Similar to MADS box transcription enhancer factor 2 polypeptide C;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 51 kDa

Application

WB 1:500~1:2000

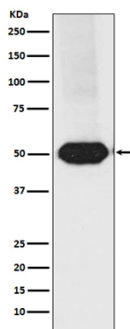
IHC 1:50~1:200

ICC/IF 1:50~1:200

FC 1:30

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. 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. Crucial for normal neuronal development, distribution, and electrical activity in the neocortex. Necessary for proper development of megakaryocytes and platelets and for bone marrow B-lymphopoiesis. Required for B-cell survival and proliferation in response to BCR stimulation, efficient IgG1 antibody responses to T-cell-dependent antigens and for normal induction of germinal center B-cells.



Western blot analysis of MEF2A+MEF2C expression in Raji cell lysate.

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