



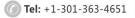


## MEF2C Antibody

Product Code         CSB-PA804958ESR2HU           Storage         Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.           Uniprot No.         Q06413           Immunogen         Recombinant Human Myocyte-specific enhancer factor 2C protein (170-380AA)           Raised In         Rabbit           Species Reactivity         Human           Tested Applications         ELISA, IHC; Recommended dilution: IHC:1:20-1:200           Relevance         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 lgG1 antibody responses to T-cell-dependent antigens and for normal induction of germinal center B-cells. May also be involved in neurogenesis and in the development of cortical architecture (By similarity). Isoform 3 and isoform 4, which lack the repressor domain, are more active than isoform 1 and isoform 2.           Form         Liquid           Conjugate         Non-conjugated           Storage Buffer         PBS with 0.02% sodium azide, 50% glycerol, pH7.3.           Purific		
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Raised In         Rabbit           Species Reactivity         Human           Tested Applications         ELISA, IHC; Recommended dilution: IHC:1:20-1:200           Relevance         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. May also be involved in neurogenesis and in the development of cortical architecture (By similarity). Isoform 3 and isoform 4, which lack the repressor domain, are more active than isoform 1 and isoform 2.           Form         Liquid           Conjugate         Non-conjugated           Storage Buffer         PBS with 0.02% sodium azide, 50% glycerol, pH7.3.           Purification Method         Antigen Affinity Purified           Isotype         IgG           Clonality         Polyclonal           Alias         Myocyte-specific enhancer factor 2C (Myocyte enhancer factor 2C), MEF2C           Species         Human	Uniprot No.	Q06413
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Purification Method Antigen Affinity Purified  Isotype IgG  Clonality Polyclonal  Alias Myocyte-specific enhancer factor 2C (Myocyte enhancer factor 2C), MEF2C  Species Human  Research Area Signal Transduction  Target Names MEF2C	Conjugate	Non-conjugated
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Alias Myocyte-specific enhancer factor 2C (Myocyte enhancer factor 2C), MEF2C  Species Human  Research Area Signal Transduction  Target Names MEF2C	Isotype	IgG
Species Human  Research Area Signal Transduction  Target Names MEF2C	Clonality	Polyclonal
Research Area Signal Transduction  Target Names MEF2C	Alias	Myocyte-specific enhancer factor 2C (Myocyte enhancer factor 2C), MEF2C
Target Names MEF2C	Species	Human
	Research Area	Signal Transduction
Image	Target Names	MEF2C
	Image	



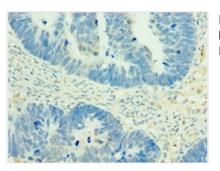
## **CUSABIO TECHNOLOGY LLC**



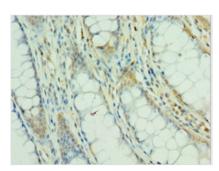








Immunohistochemistry of paraffin-embedded human ovarian cancer using CSB-PA804958ESR2HU at dilution of 1:100



Immunohistochemistry of paraffin-embedded human colon cancer using CSB-PA804958ESR2HU at dilution of 1:100