

Nur für Forschungszwecke

MEF2C Monoklonaler Antikörper

Katalog-Nr.:60124-2-Ig



Allgemeine Informationen

Katalog-Nr.:

60124-2-Ig

Größe:

150ul , Konzentration: 800 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:

Maus

Isotyp:

IgG1

Immunogen Katalognummer:

AG0020

GenBank-Zugangsnummer:

BC156603

GeneID (NCBI):

4208

Vollständiger Name:

myocyte enhancer factor 2C

Berechnete Masse:

51 kDa

Beobachtete Masse:

63 kDa

Reinigungsmethode:

Caprylsäure/Ammoniumsulfat-Präzipitation

CloneNo.:

4G2C4

Anwendungen

Geprüfte Anwendungen:

ELISA

Getestete Reaktivität:

Human

Hintergrundinformationen

MEF2C belongs to the MEF2 family. It is a transcription activator which binds specifically to the MEF2 element present in the regulatory regions of many muscle-specific genes. MEF2C controls cardiac morphogenesis and myogenesis, and is also involved in vascular development. It 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. It is crucial for normal neuronal development, distribution, and electrical activity in the neocortex and is necessary for proper development of megakaryocytes and platelets and for bone marrow B lymphopoiesis. This protein is 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. It may also be involved in neurogenesis and in the development of cortical architecture. This antibody is a mouse monoclonal antibody raised against a peptide mapping within human MEF2C.

Read more about this antibody on the blog: <http://blog.ptglab.com/index.php/mef2c-antibody-features-in-nature-biotechnology/>

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

For technical support and original validation data for this product please contact:

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