

For Research Use Only

CoraLite® Plus 488-conjugated MEF2D Recombinant monoclonal antibody

Catalog Number:CL488-85801-5



Basic Information

Catalog Number:

CL488-85801-5

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5700

GenBank Accession Number:

BC040949

GeneID (NCBI):

4209

UNIPROT ID:

Q14814

Full Name:

myocyte enhancer factor 2D

Calculated MW:

56 kDa

Observed MW:

55-60 kDa

Purification Method:

Protein A purification

CloneNo.:

250068B7

Recommended Dilutions:

IF/ICC: 1:50-1:500

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human, mouse, rat

Positive Controls:

IF/ICC : HeLa cells,

Background Information

MEF2D, also named as Myocyte-specific enhancer factor 2D, is a 521 amino acid protein, which belongs to the MEF2 family. MEF2D is expressed in t in myotubes and also in undifferentiated myoblasts. MEF2D as a transcriptional activator which binds specifically to the MEF2 element, found in numerous muscle-specific and stress-induced genes. MEF2D mediates cellular functions not only in skeletal and cardiac muscle development, but also in neuronal differentiation and survival. The calculated molecular weight of MEF2D is 55 kDa, but Phosphorylated MEF2D is 60 kDa.

Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3

Aliquoting is unnecessary for -20°C storage

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

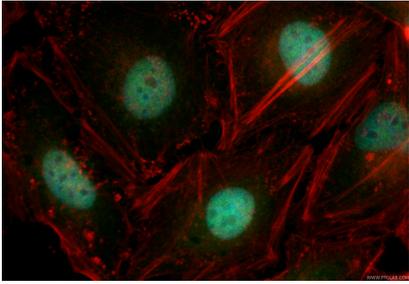
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite® Plus 488 MEF2D antibody (CL488-85801-5, Clone: 250068B7) at dilution of 1:200, CL594-phalloidin (red).