

Recombinant

DGRmAb®

MEF2C (DGR15457) Rabbit mAb (PBS Only)

db12071-PBS

Package : 10µg 100µg

Product Name : MEF2C (DGR15457) Rabbit mAb (PBS Only)**Cat.No.:** db12071-PBS**Synonyms** : DEL5q14.3; C5DELq14.3**Application** : WB, IHC, ICC/IF, FC**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**Background**

This locus encodes a member of the MADS box transcription enhancer factor 2 (MEF2) family of proteins, which play a role in myogenesis. The encoded protein, MEF2 polypeptide C, has both trans-activating and DNA binding activities. This protein may play a role in maintaining the differentiated state of muscle cells. Mutations and deletions at this locus have been associated with severe cognitive disability, stereotypic movements, epilepsy, and cerebral malformation. Alternatively spliced transcript variants have been described. [provided by RefSeq, Jul 2010]

Immunogen

Recombinant protein of human MEF2C

Gene ID

4208

Swiss Prot

Q06413

Synonyms

DEL5q14.3; C5DELq14.3

Reactivity

Human, Mouse, Rat

Application

WB, IHC, ICC/IF, FC

Calculated MW

51 kDa

Observed MW

50-60 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR15457

Isotype

IgG

Purity

Affinity Purification

Conjugation

Un-conjugated

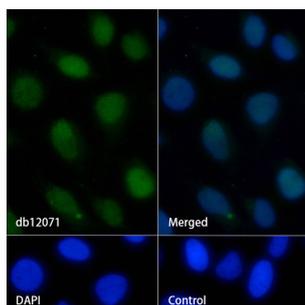
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.

RAW264.7
kDa

230 -
 140 -
 98 -
 63 -
 49 -
 39 -
 34 -
 22 -
 20 -
 15 -
 10 -



Western blot analysis of extracts from RAW264.7 cells using [db12071](#) at 1:1000.



Immunofluorescence analysis of HeLa cells labelling MEF2C with [db12071](#).

The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with [db12071](#) (1:200) at room temperature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 ([db10005](#), shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.