

Recombinant

DGRmAb®

MEF2C (DGR15457) Rabbit mAb

db12071

Package : 10µL 20µL 50µL 100µL

Product Name : MEF2C (DGR15457) Rabbit mAb**Cat.No.:** db12071**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

Recommended dilutionWB: 1:1000
IHC: 1:200
ICC/IF: 1:200
FC: 1:200**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
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

RAW264.7

kDa

230 -

140 -

98 -

63 -

49 -

39 -

34 -

22 -

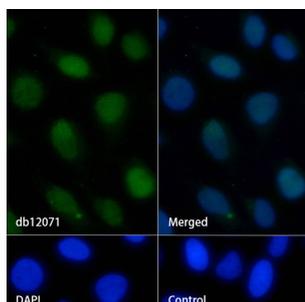
20 -

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 temprature 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.