Recombinant DGRmAb®

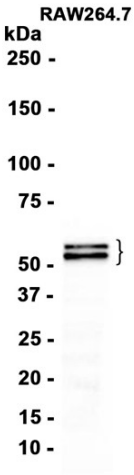
MEF2C (DGR15457) Rabbit mAb (PBS Only)

db12071-PBS **Package : 10μg 100μg**

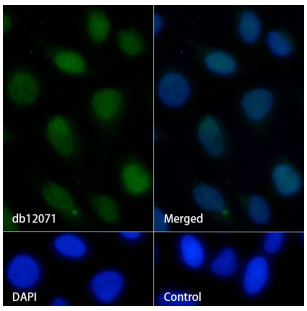
Product Name : MEF2C (DGR15457) Rabbit mAb (PBS Only)
Cat.No.: db12071-PBS
Synonyms : DEL5q14.3; C5DELq14.3
Application : WB, IHC, ICC/IF, FC
Reactivity : Human, Mouse, Rat
Host species : Rabbit

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.



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.