

For Research Use Only

Myogenin Recombinant antibody

Catalog Number: 86192-3-RR



Basic Information

Catalog Number:

86192-3-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG25081

GenBank Accession Number:

BC053899

GeneID (NCBI):

4656

UNIPROT ID:

P15173

Full Name:

myogenin (myogenic factor 4)

Calculated MW:

25 kDa

Observed MW:

25-30 kDa

Purification Method:

Protein A purification

CloneNo.:

250187G11

Recommended Dilutions:

WB: 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : A-204 cells, C2C12 cells, mouse heart tissue, rat heart tissue, mouse skeletal muscle tissue, rat skeletal muscle tissue

Background Information

MYOG (encoded Myogenin protein) is a muscle-specific transcription factor that belongs to a family of basic helix-loop-helix transcription factors. It plays a role in muscle differentiation, cell cycle exit, and muscle atrophy (PMID: 30315160). Diseases associated with MYOG include Embryonal Rhabdomyosarcoma and Gallbladder Sarcoma.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

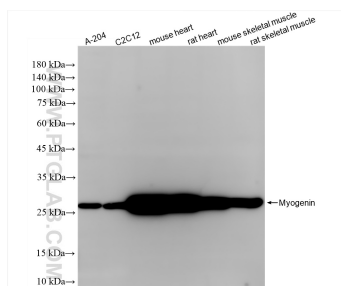
T: 4006900926

E: Proteintech-CN@ptglab.com

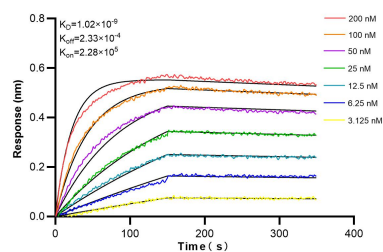
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86192-3-RR (Myogenin antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 86192-3-RR against Human Myogenin were performed. The affinity constant is 1.02 nM.