

For Research Use Only

Myogenin Recombinant antibody, PBS Only

Catalog Number: 86192-3-PBS



Basic Information

Catalog Number:	86192-3-PBS	GenBank Accession Number:	BC053899	Purification Method:	Protein A purification
Concentration:	1000 µg/ml	GeneID (NCBI):	4656	CloneNo.:	250187G11
Source:	Rabbit	UNIPROT ID:	P15173		
Isotype:	IgG	Full Name:	myogenin (myogenic factor 4)		
Immunogen Catalog Number:	AG25081	Calculated MW:	25 kDa		
		Observed MW:	25-30 kDa		

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

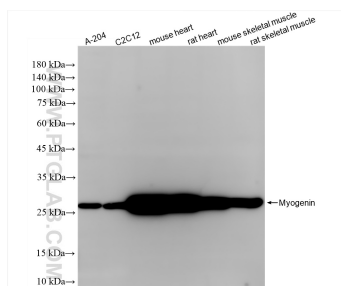
T: 4006900926

E: Proteintech-CN@ptglab.com

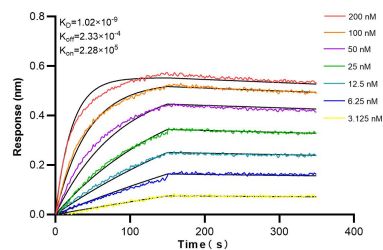
W: ptgcn.com

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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. This data was developed using the same antibody clone with 86192-3-PBS in a different storage buffer formulation.



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