

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
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	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

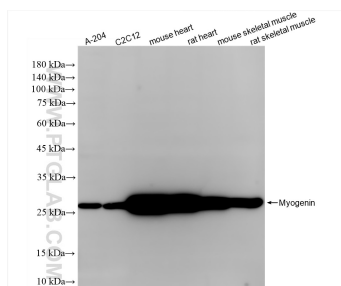
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

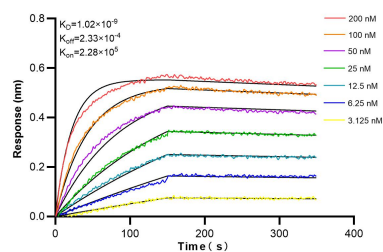
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Selected Validation Data



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.