

For Research Use Only

Myogenin Monoclonal antibody



Catalog Number: 67082-1-Ig **6 Publications**

Basic Information

Catalog Number: 67082-1-Ig	GenBank Accession Number: BC053899	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 4656	CloneNo.: 1C10B9
Source: Mouse	Full Name: myogenin (myogenic factor 4)	Recommended Dilutions: WB 1:1000-1:4000
Isotype: IgG1	Calculated MW: 25 kDa	
Immunogen Catalog Number: AG6414	Observed MW: 26 kDa	

Applications

Tested Applications: WB,ELISA	Positive Controls: WB : human skeletal muscle tissue, human heart tissue, pig heart tissue, rat heart tissue
Cited Applications: WB	
Species Specificity: Human, Rat, Pig	
Cited Species: human, mouse	

Background Information

MYOG (encoded Myogenin protein) is a muscle-specific transcription factor which 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). It can be initiate the myogenic program in myoblasts, fiblasts and veritey of other cell types. Diseases associated with MYOG include Embryonal Rhabdomyosarcoma and Gallbladder Sarcoma.

Notable Publications

Author	Pubmed ID	Journal	Application
Lin Zhou	34124164	Front Mol Biosci	WB
Junyu Yan	34066653	Genes (Basel)	WB
Chen Yang	33614236	Mol Ther Nucleic Acids	WB

Storage

Storage:
Store at -20°C.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



human skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 67082-1-Ig (Myogenin antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.