

For Research Use Only

Myogenin Monoclonal antibody, PBS Only (Capture)

Catalog Number: 67082-1-PBS



Basic Information

Catalog Number: 67082-1-PBS	GenBank Accession Number: BC053899	Purification Method: Protein G purification
Size: 1mg/ml	GeneID (NCBI): 4656	CloneNo.: 1C10B9
Source: Mouse	UNIPROT ID: P15173	
Isotype: IgG1	Full Name: myogenin (myogenic factor 4)	
Immunogen Catalog Number: AG6414	Calculated MW: 25 kDa	
	Observed MW: 26 kDa	

Applications

Tested Applications:
WB, Cytometric bead array, Indirect ELISA

Species Specificity:
human, rat, pig

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.

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

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

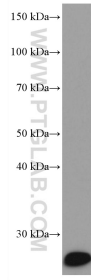
T: 4006900926

E: Proteintech-CN@ptglab.com

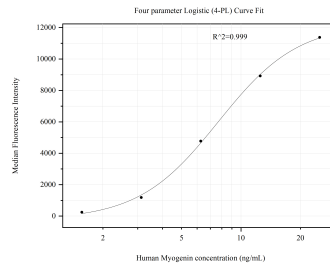
W: ptgcn.com

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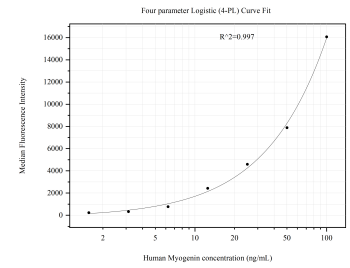
Selected Validation Data



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. This data was developed using the same antibody clone with 67082-1-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP51032-2, Myogenin Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 67082-1-PBS. Detection antibody: 67082-3-PBS. Standard: Ag6414. Range: 1.563-25 ng/mL



Cytometric bead array standard curve of MP51032-3, Myogenin Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 67082-1-PBS. Detection antibody: 67082-4-PBS. Standard: Ag6414. Range: 1.563-100 ng/mL