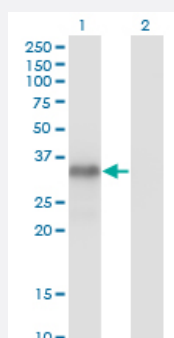


MYOG monoclonal antibody (M04), clone 2E7

Catalog # H00004656-M04

Size 100 ug

Applications

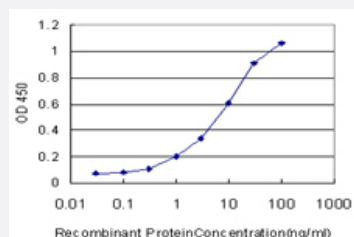


Western Blot (Transfected lysate)

Western Blot analysis of MYOG expression in transfected 293T cell line by MYOG monoclonal antibody (M04), clone 2E7.

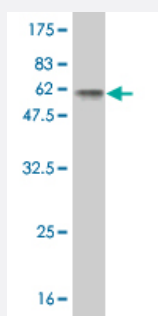
Lane 1: MYOG transfected lysate(25 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MYOG is approximately 0.3ng/ml as a capture antibody.



Western Blot detection against Immunogen (50.38 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant MYOG.

Immunogen	MYOG (AAH53899, 1 a.a. ~ 224 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MELYETSPYFYQEPRFYDGENYLPVHLQGFEPGGERTELTSPEAPGPLEDKGLGTPEHCPGQCLPWACKVCKRKSVSVDRRRAATLREKRRLKKVNEAFEALKRSTLLNPNQRLPKVEILRSAIQYIERLQALLSSLNQEERDLRYRGGGGPQPGVPSECSSHSASCSPWGSALFESANPGDHLLTADPTDAHNLHSLTSIVDSITVEDVSVAFPDETMPN
Host	Mouse
Reactivity	Human
Isotype	IgG
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (50.38 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of MYOG expression in transfected 293T cell line by MYOG monoclonal antibody (M04), clone 2E7.

Lane 1: MYOG transfected lysate(25 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MYOG is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — MYOG

Entrez GeneID

[4656](#)

GeneBank Accession#	BC053899
Protein Accession#	AAH53899
Gene Name	MYOG
Gene Alias	MYF4, MYOGENIN, bHLHc3
Gene Description	myogenin (myogenic factor 4)
Omim ID	159980
Gene Ontology	Hyperlink
Gene Summary	Myogenin is a muscle-specific transcription factor that can induce myogenesis in a variety of cell types in tissue culture. It is a member of a large family of proteins related by sequence homology, the helix-loop-helix (HLH) proteins. It is essential for the development of functional skeletal muscle. [provided by RefSeq]
Other Designations	Myogenic factor-4; myogenin OTTHUMP00000039094 myogenic factor 4 myogenin