

# MYOZ1 Antibody (monoclonal) (M05)

Mouse monoclonal antibody raised against a partial recombinant MYOZ1.

Catalog # AT2965a

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">Q9NP98</a>
<b>Other Accession</b>	<a href="#">NM_021245</a>
<b>Reactivity</b>	Human
<b>Host</b>	mouse
<b>Clonality</b>	monoclonal
<b>Isotype</b>	IgG2a Kappa
<b>Clone Names</b>	1E9
<b>Calculated MW</b>	31745

## Additional Information

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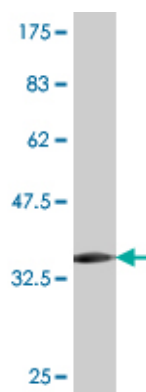
<b>Gene ID</b>	58529
<b>Other Names</b>	Myozenin-1, Calsarcin-2, Filamin-, actinin- and telethonin-binding protein, Protein FATZ, MYOZ1 ( <a href="#">HGNC:13752</a> )
<b>Target/Specificity</b>	MYOZ1 (NP_067068.1, 200 a.a. ~ 298 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Dilution</b>	WB~~1:500~1000 E~~N/A
<b>Format</b>	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Precautions</b>	MYOZ1 Antibody (monoclonal) (M05) is for research use only and not for use in diagnostic or therapeutic procedures.

## References

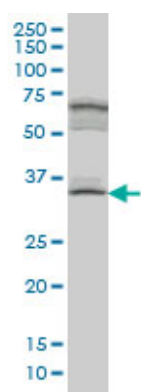
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Candidate-gene testing for orphan limb-girdle muscular dystrophies. Aurino S, et al. Acta Myol, 2008 Dec. PMID 19472918. Mutations in MYOZ1 as well as MYOZ2 encoding the calsarcins are not associated with idiopathic and familial dilated cardiomyopathy. Posch MG, et al. Mol Genet Metab, 2007 Jun. PMID 17434779. Mutations in PDLIM3 and MYOZ1 encoding myocyte Z line proteins are infrequently found in idiopathic dilated cardiomyopathy. Arola AM, et al. Mol Genet Metab, 2007 Apr. PMID 17254821. Towards a proteome-scale map of the human protein-protein interaction network. Rual JF, et al. Nature, 2005 Oct 20. PMID 16189514. The Z-disc proteins myotilin and FATZ-1 interact with each other and are connected to the sarcolemma via muscle-specific filamins. Gontier Y, et al. J Cell Sci, 2005 Aug 15. PMID 16076904.

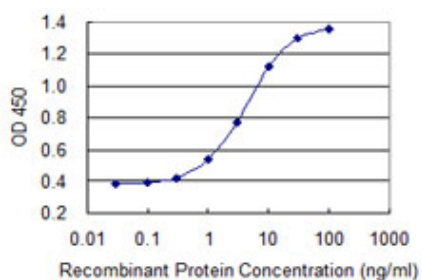
## Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .



MYOZ1 monoclonal antibody (M05), clone 1E8. Western Blot analysis of MYOZ1 expression in HepG2. (34-kDa, <http://www.ncbi.nlm.nih.gov/entrez/dispomim.cgi?id=605603>)



Detection limit for recombinant GST tagged MYOZ1 is 0.1 ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.