

Datasheet for ABIN651441

anti-Myozenin 1 antibody (AA 40-69)**3** Images[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	Myozenin 1 (MYOZ1)
Binding Specificity:	AA 40-69
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Myozenin 1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This MYOZ1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 40-69 amino acids from the Central region of human MYOZ1.
Clone:	RB30018
Isotype:	Ig Fraction
Predicted Reactivity:	Pig
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Myozenin 1 (MYOZ1)
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Target Details

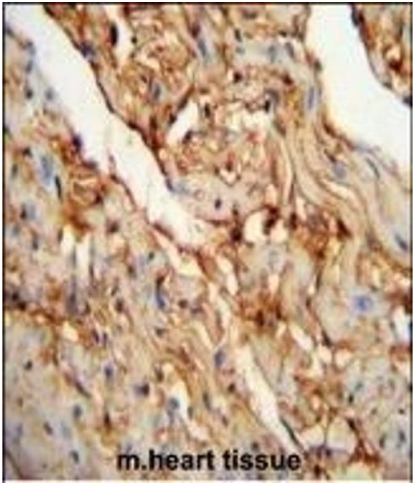
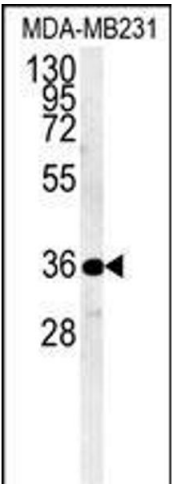
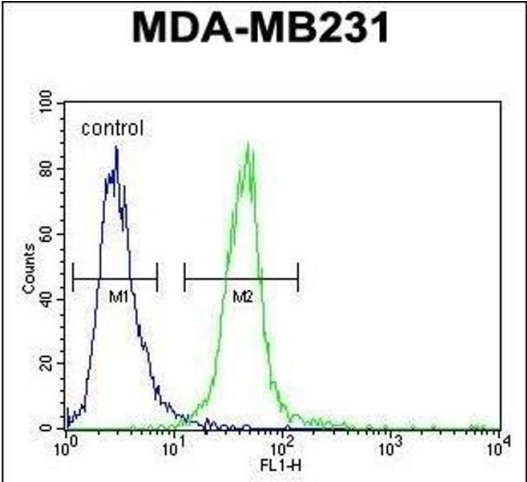
Alternative Name:	MYOZ1 (MYOZ1 Products)
Background:	Myozenins may serve as intracellular binding proteins involved in linking Z-disk proteins such as alpha-actinin, gamma-filamin, TCAP/telethonin, LDB3/ZASP and localizing calcineurin signaling to the sarcomere. This protein plays an important role in the modulation of calcineurin signaling, may play a role in myofibrillogenesis.
Molecular Weight:	31745
Gene ID:	58529
NCBI Accession:	NP_067068
UniProt:	Q9NP98

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Flow Cytometry

Image 1. MYOZ1 Antibody (Center) (ABIN651441 and ABIN2840243) flow cytometric analysis of MDA-M cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. Western blot analysis of MYOZ1 Antibody (Center) (ABIN651441 and ABIN2840243) in MDA-M cell line lysates (35 µg/lane).MYOZ1 (arrow) was detected using the purified Pab.

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. MYOZ1 Antibody (Center) (ABIN651441 and ABIN2840243) immunohistochemistry analysis in formalin fixed and paraffin embedded mouse heart tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the MYOZ1 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.