

Datasheet for ABIN6242477
anti-Myocardin antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	Myocardin (MYOCD)
Binding Specificity:	AA 743-777, C-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Myocardin antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This Mouse Myocd antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 743-777 amino acids from the C-terminal region of Mouse Myocd.
Clone:	RB51044
Isotype:	IgG
Predicted Reactivity:	H, Pig, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Myocardin (MYOCD)
Alternative Name:	Myocd (MYOCD Products)

Target Details

Background: Smooth muscle cells (SM) and cardiac muscle cells- specific transcriptional factor which uses the canonical single or multiple CArG boxes DNA sequence. Acts as a cofactor of serum response factor (SRF) with the potential to modulate SRF-target genes. Plays a crucial role in cardiogenesis and differentiation of the smooth muscle cell lineage (myogenesis). Isoform 1 mediates the cardiac transcription factor MEF2C-dependent transcription. Isoform 1 and isoform 3 are more active than isoform 2 and isoform 4 in stimulating cardiac muscle promoters.

Molecular Weight: 101400

UniProt: [Q8VIM5](#)

Pathways: [Regulation of Muscle Cell Differentiation](#), [Skeletal Muscle Fiber Development](#)

Application Details

Application Notes: WB: 1:2000. WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

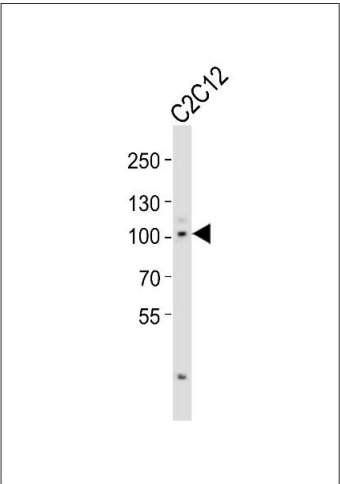
Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

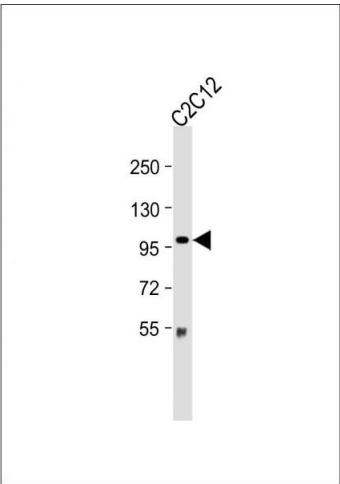
Storage: 4 °C,-20 °C

Expiry Date: 6 months



Western Blotting

Image 1. Western blot analysis of lysate from mouse C2C12 cell line, using Myocd Antibody (C-term) (ABIN6242477 and ABIN6577756). (ABIN6242477 and ABIN6577756) was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20 µg.



Western Blotting

Image 2. Anti-Myocd Antibody (Cterm) at 1:2000 dilution + C2C12 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 101 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.