

Datasheet for ABIN1536771  
**anti-Musculin antibody (C-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	400 µL
Target:	Musculin (MSC)
Binding Specificity:	AA 166-194, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Musculin antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This MSC antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 166-194 amino acids from the C-terminal region of human MSC.
Clone:	RB37175
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	Musculin (MSC)
Alternative Name:	MSC ( <a href="#">MSC Products</a> )
Background:	The protein encoded by this gene is a transcriptional repressor capable of binding an E-box

## Target Details

element either as a homodimer or as a heterodimer with E2A in vitro. The encoded protein also forms heterodimers with E2A proteins in vivo. This protein is capable of inhibiting the transactivation capability of E47, an E2A protein, in mammalian cells. This gene is a downstream target of the B-cell receptor signal transduction pathway. [provided by RefSeq].

Molecular Weight: 22068

Gene ID: 9242

NCBI Accession: [NP\\_005089](#)

UniProt: [O60682](#)

## Application Details

Application Notes: WB: 1:1000. 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.

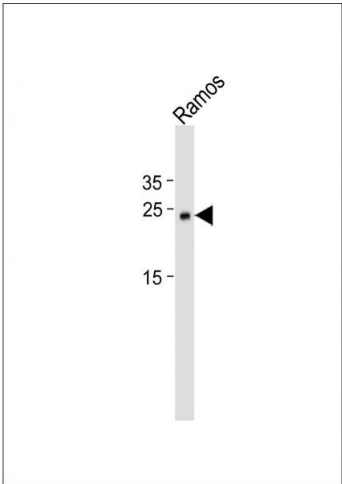
Preservative: Sodium azide

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

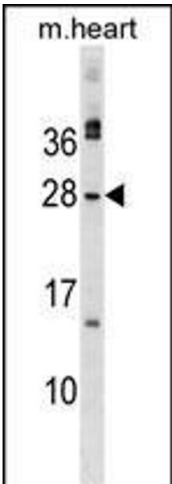
Storage Comment: MSC Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



Western Blotting

**Image 1.** Anti- MSC Antibody (C-term)at 1:1000 dilution + Ramos whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 22 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



Western Blotting

**Image 2.** MSC Antibody (C-term) (ABIN1536771 and ABIN2849429) western blot analysis in mouse heart tissue lysates (35 µg/lane).This demonstrates the MSC antibody detected the MSC protein (arrow).