

Datasheet for ABIN659126  
**anti-Myosin IC antibody**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	0.1 mL
Target:	Myosin IC (MYO1C)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This MYO1C monoclonal antibody is generated from mouse immunized with MYO1C recombinant protein.
Clone:	221CT4-7-2-4
Isotype:	IgM kappa
Predicted Reactivity:	B
Purification:	Mouse monoclonal antibody supplied in crude ascites with 0.09% (W/V) sodium azide.

## Target Details

Target:	Myosin IC (MYO1C)
Alternative Name:	MYO1C ( <a href="#">MYO1C Products</a> )
Background:	This gene encodes a member of the unconventional myosin protein family, which are actin-based molecular motors. The protein is found in the cytoplasm, and one isoform with a unique N-terminus is also found in the nucleus. The nuclear isoform associates with RNA polymerase I

## Target Details

and II and functions in transcription initiation. The mouse ortholog of this protein also functions in intracellular vesicle transport to the plasma membrane. Multiple transcript variants encoding different isoforms have been found for this gene. The related gene myosin IE has been referred to as myosin IC in the literature, but it is a distinct locus on chromosome 19. [provided by RefSeq].

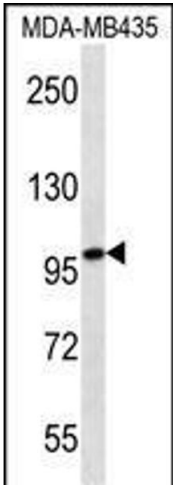
Molecular Weight:	121682
Gene ID:	4641
NCBI Accession:	<a href="#">NP_001074248</a> , <a href="#">NP_001074419</a> , <a href="#">NP_203693</a>
UniProt:	<a href="#">O00159</a>
Pathways:	<a href="#">Platelet-derived growth Factor Receptor Signaling</a>

## Application Details

Application Notes:	WB: 1:100~500
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Mouse monoclonal antibody supplied in crude ascites 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:	MYO1C Antibody (ascites) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months



Western Blotting

**Image 1.** MYO1C ABIN659126 western blot analysis in MDA-M cell line lysates (35 µg/lane). This demonstrates the MYO1C antibody detected the MYO1C protein (arrow).