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Datasheet for ABIN7160563  
**anti-MYH1 antibody (AA 1439-1544) (HRP)**

### Overview

Quantity:	100 µL
Target:	MYH1
Binding Specificity:	AA 1439-1544
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYH1 antibody is conjugated to HRP
Application:	ELISA

### Product Details

Immunogen:	Recombinant Human Myosin-10 protein (1439-1544AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

### Target Details

Target:	MYH1
Alternative Name:	MYH1 ( <a href="#">MYH1 Products</a> )
Background:	Background: Cellular myosin that appears to play a role in cytokinesis, cell shape, and specialized functions such as secretion and capping. Involved with LARP6 in the stabilization of

## Target Details

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type I collagen mRNAs for CO1A1 and CO1A2. During cell spreading, plays an important role in cytoskeleton reorganization, focal contacts formation (in the central part but not the margins of spreading cells), and lamellipodial extension, this function is mechanically antagonized by MYH9.

Aliases: Cellular myosin heavy chain antibody, Cellular myosin heavy chain type B antibody, Cellular myosin heavy chain type B type B antibody, MGC134913 antibody, MGC134914 antibody, MYH 10 antibody, Myh10 antibody, MYH10\_HUMAN antibody, Myosin 10 antibody, Myosin heavy chain 10 antibody, Myosin heavy chain 10 non muscle antibody, Myosin heavy chain antibody, Myosin heavy chain non muscle 11b antibody, Myosin heavy chain nonmuscle IIb antibody, Myosin heavy chain nonmuscle type B antibody, Myosin heavy polypeptide 10 non muscle antibody, Myosin-10 antibody, Myosin10 antibody, NMMHC B antibody, NMMHC II b antibody, NMMHC II-b antibody, NMMHC IIB antibody, NMMHC-B antibody, NMMHC-IIB antibody, NMMHCB antibody, Non muscle myosin heavy chain B antibody, Non muscle myosin heavy chain IIB antibody, Non muscle myosin II heavy chain B antibody, non-muscle IIb antibody, Non-muscle myosin heavy chain B antibody, Non-muscle myosin heavy chain IIb antibody, Nonmuscle myosin heavy chain B antibody, Nonmuscle myosin heavy chain IIB antibody, Nonmuscle myosin II heavy chain B antibody, Nonmuscle myosin IIB antibody, type B antibody

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UniProt: [P35580](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

Storage: -20 °C,-80 °C

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## Handling

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Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.