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Datasheet for ABIN907496

**anti-MYH1 antibody (AA 901-1000) (Alexa Fluor 488)**

## Overview

Quantity:	100 µL
Target:	MYH1
Binding Specificity:	AA 901-1000
Reactivity:	Human, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYH1 antibody is conjugated to Alexa Fluor 488
Application:	Immunofluorescence (Cultured Cells) (IF (cc))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Myosin heavy chain 1
Isotype:	IgG
Cross-Reactivity:	Horse, Human
Predicted Reactivity:	Mouse,Rat,Dog,Pig,Chicken
Purification:	Purified by Protein A.

## Target Details

Target:	MYH1
Alternative Name:	Myosin heavy chain 1 ( <a href="#">MYH1 Products</a> )
Background:	Synonyms: adult 1, MGC133384, Myh 1, Myh1, MYH1_HUMAN, MyHC-IIx/d, MYHSA1, MYL1,

## Target Details

Myosin 1, Myosin heavy chain 1, Myosin heavy chain 1 skeletal muscle adult, Myosin heavy chain, Myosin heavy chain IIx/d, Myosin heavy chain skeletal muscle adult 1, Myosin light chain 1 alkali skeletal fast, Myosin-1, Myosin1, skeletal muscle.

Background: Myosin is a protein which is known to interact with actin in muscle and non-muscle cells. It contains two identical heavy chains and four light chains. Myosin molecules consist of two major regions: tails (rods) and heads. They aggregate into filaments through the tail region and interact with actin and with ATP through the head region. Multiple forms of myosin heavy chains exist for each muscle type-skeletal, cardiac, smooth and non-muscle isomyosin forms exist in different types of skeletal muscle, depending on the physiological function of the muscle. They are designated at type I (slow twitch) and type II (fast twitch).

## Application Details

Application Notes:	IF(ICC) 1:50-200
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
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
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months