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Datasheet for ABIN5007220

**anti-Myomesin 1 antibody (Alexa Fluor 680)**

## Overview

Quantity:	100 µL
Target:	Myomesin 1 (MYOM1)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Myomesin 1 antibody is conjugated to Alexa Fluor 680
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human MYOM1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

## Target Details

Target:	Myomesin 1 (MYOM1)
Alternative Name:	MYOM1 ( <a href="#">MYOM1 Products</a> )
Background:	<p>Synonyms: 190 kDa connectin-associated protein, 190 kDa titin-associated protein, EH myomesin, MGC134946, MGC134947, MYOM1, MYOM1_HUMAN, Myomesin 1 185 kDa, Myomesin family member 1, Myomesin-1, Skelemin.</p> <p>Background: Myomesin-1 and myomesin-2 are components of the vertebrate myofibrillar M</p>

### Target Details

band and are associated with Titin, Myosin and Connectin. The myomesin proteins are responsible for the formation of a head structure on one end of the Titin string that connects the Z and M bands of the sarcomere. Myomesin-1 and -2 have unique N-terminal domains and are expressed mainly in skeletal muscle. The gene encoding human myomesin-1 maps to chromosome 18p11.31-p11.32.

Gene ID: 8736

### Application Details

Application Notes: IF(IHC-P) 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