



Datasheet for ABIN4912136
anti-MYO18B antibody



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2 Images

Overview

Quantity:	100 µL
Target:	MYO18B
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MYO18B antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS), Western Blotting (WB)

Product Details

Immunogen:	This MYO18B antibody is generated from a mouse immunized with recombinant protein from human MYO18B.
Clone:	3C5
Isotype:	IgG2b
Cross-Reactivity:	Human
Purification:	Purified by Protein G.

Target Details

Target:	MYO18B
Alternative Name:	MYO18B (MYO18B Products)

Target Details

Background: Synonyms: KFS4, Unconventional myosin-XVIIIb, MYO18B
Background: May be involved in intracellular trafficking of the muscle cell when in the cytoplasm, whereas entering the nucleus, may be involved in the regulation of muscle specific genes. May play a role in the control of tumor development and progression, restored MYO18B expression in lung cancer cells suppresses anchorage-independent growth.

Gene ID: 84700

UniProt: [Q8IUG5](#)

Application Details

Application Notes: WB 1:300-5000
FCM 1:20-100
IHC-P 1:200-400

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

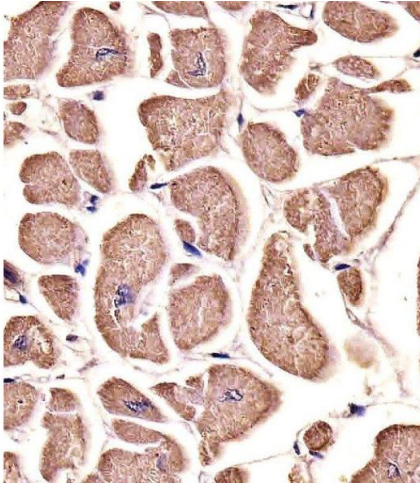
Preservative: ProClin

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

Storage: -20 °C

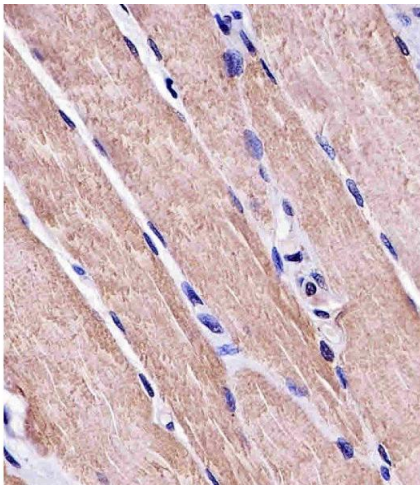
Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Paraformaldehyde-fixed, paraffin embedded human heart tissue, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 15 minutes, Blocking buffer (3% BSA) at room temperature for 30min, Antibody incubation with MYO18B (1683CT270.39.50) Monoclonal Antibody (bsm-51376M) at 1:25 for 1 hour at 37°C, followed by a conjugated secondary antibody for 20 minutes and DAB staining.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Paraformaldehyde-fixed, paraffin embedded human skeletal muscle, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 15 minutes, Blocking buffer (3% BSA) at room temperature for 30min, Antibody incubation with MYO18B (1683CT270.39.50) Monoclonal Antibody (bsm-51376M) at 1:25 for 1 hour at 37°C, followed by a conjugated secondary antibody for 20 minutes and DAB staining.