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Datasheet for ABIN5007197

anti-MYL6 antibody (pSer30, pTyr29) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	MYL6
Binding Specificity:	pSer30, pTyr29
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYL6 antibody is conjugated to Alexa Fluor 680
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human MYL6 around the phosphorylation site of Tyr29+Ser30
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Sheep,Pig,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	MYL6
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Target Details

Alternative Name: MYL6+ ([MYL6 Products](#))

Background: Synonyms: ESMLC, LC 17, LC17, LC17 GI, LC17 NM, LC17A, LC17B, MLC 3, MLC-3, MLC1SM, MLC3, MLC3NM, MLC3SM, MYL 6, MYL6, MYL6_HUMAN, Myosin light chain 3, Myosin light chain 6 alkali smooth muscle and non muscle, Myosin light chain A3, Myosin light chain alkali 3, Myosin light polypeptide 6 alkali smooth muscle and non muscle, Myosin light polypeptide 6, Smooth muscle and non muscle myosin alkali light chain, Smooth muscle and nonmuscle myosin light chain alkali 6, 17 kDa myosin light chain.

Background: Myosin is a hexameric ATPase cellular motor protein. It is composed of two heavy chains, two nonphosphorylatable alkali light chains, and two phosphorylatable regulatory light chains. This gene encodes a myosin alkali light chain that is expressed in smooth muscle and non-muscle tissues. Genomic sequences representing several pseudogenes have been described and two transcript variants encoding different isoforms have been identified for this gene.

Gene ID: 4637

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
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.

Handling

Expiry Date: 12 months