

Datasheet

MYL4 monoclonal antibody (M01), clone 1A11-C8

Catalog Number: H00004635-M01

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full length recombinant MYL4.

Clone Name: 1A11-C8

Immunogen: MYL4 (AAH30228, 1 a.a. ~ 197 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

MAPKKPEPKKEAAKPAPAPAPAPAPAPAPEAPKEP
AFDPKSVKIDFTADQIEEFKEAFSLFDRTPTGEMKITYG
QCGDVLRLGQNPTNAEVLRLVGLGPKPEEMNVKMLD
FETFLPILQHISRNKEQGTYEDFVEGLRVFDKESNGTV
MGAELRHVLATLGEKMTAEVEQLLAGQEDANGCINY
EAFVKHIMSG

Host: Mouse

Reactivity: Human

Applications: ELISA, S-ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG1 Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4635

Gene Symbol: MYL4

Gene Alias: ALC1, AMLC, GT1, PRO1957

Gene Summary: Myosin is a hexameric ATPase cellular

motor protein. It is composed of two myosin heavy chains, two nonphosphorylatable myosin alkali light chains, and two phosphorylatable myosin regulatory light chains. This gene encodes a myosin alkali light chain that is found in embryonic muscle and adult atria. Two alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]

References:

1. Embryonic Essential Myosin Light Chain Regulates Fetal Lung Development in Rats. Santos M, Moura RS, Gonzaga S, Nogueira-Silva C, Ohlmeier S, Correia-Pinto J. Am J Respir Cell Mol Biol. 2007 Sep;37(3):330-8. Epub 2007 May 31.