

MYL4 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a full length recombinant MYL4.****Catalog # AT2952a****Specification**

MYL4 Antibody (monoclonal) (M01) - Product Information

Application	WB
Primary Accession	P12829
Other Accession	BC030228
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	21565

MYL4 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 4635**Other Names**

Myosin light chain 4, Myosin light chain 1, embryonic muscle/atrial isoform, Myosin light chain alkali GT-1 isoform, MYL4, MLC1

Target/Specificity

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

Dilution

WB~~1:500~1000

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

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

Precautions

MYL4 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

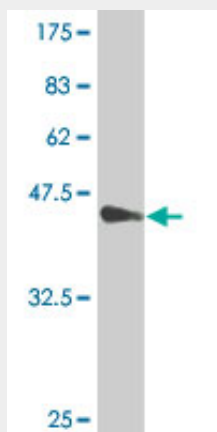
MYL4 Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MYL4 Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (47.41 KDa) .

MYL4 Antibody (monoclonal) (M01) - Background

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.

MYL4 Antibody (monoclonal) (M01) - 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.