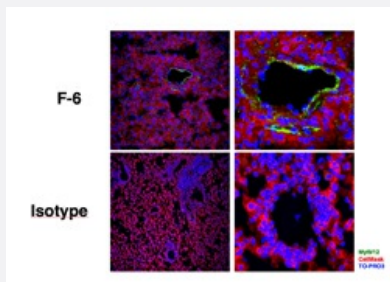


RecomAb™

# MYL9 recombinant monoclonal antibody, clone AWBMyI9F6 (F-6)

Catalog # RAB02779      Size 100 ug

## Applications



### Immunohistochemistry

Anti-human/mouse Myl9/12 Abwiz antibody AWBMyI9F6 shows strong and specific tissue staining by immunohistochemistry.

## Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human MYL9.
Antibody Species	Rabbit
Immunogen	N-terminal peptide of Myl9
Reactivity	Human
Form	Liquid
Purification	Protein A+G
Isotype	Rabbit IgG1k
Recommend Usage	ELISA Immunohistochemistry Functional Assay The optimal working dilution should be determined by the end user.
Storage Buffer	1X PBS, 0.02% Sodium azide, 50% Glycerol, 0.1% BSA

**Storage Instruction**

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

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Immunohistochemistry

Anti-human/mouse Myl9/12 Abwiz antibody AWBMy9F6 shows strong and specific tissue staining by immunohistochemistry.

- Enzyme-linked Immunoabsorbent Assay

- Functional Study

## Gene Info — MYL9

**Entrez GeneID**[10398](#)**Protein Accession#**[P24844](#)**Gene Name**

MYL9

**Gene Alias**

LC20, MGC3505, MLC2, MRLC1, MYRL2

**Gene Description**

myosin, light chain 9, regulatory

**Omim ID**[609905](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Myosin, a structural component of muscle, consists of two heavy chains and four light chains. The protein encoded by this gene is a myosin light chain that may regulate muscle contraction by modulating the ATPase activity of myosin heads. The encoded protein binds calcium and is activated by myosin light chain kinase. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

**Other Designations**

OTTHUMP00000030857|myosin RLC|myosin regulatory light chain 2, smooth muscle isoform|myosin regulatory light chain 9|myosin, light polypeptide 9, regulatory

## Pathway

- [Focal adhesion](#)

- [Leukocyte transendothelial migration](#)
- [Regulation of actin cytoskeleton](#)
- [Tight junction](#)
- [Vascular smooth muscle contraction](#)