

DNAPAb

Hard-to-Find  
Antibody

## MYL9 DNAPAb

Catalog # H00010398-W01P

Size 200 ug

### Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human MYL9 DNA using DNAX™ Immune technology.
Technology	<a href="#">DNAX™ Immune</a>
Immunogen	Full-length human DNA
Sequence	MSSKRAKAKTTKKRPQRATSNVFAMFDQSQIQEFKEAFNMIDQNRDGFIDKEDLHDMLASLGFIH EDHLRELLTTMGDRFTDEEVDEMYREAPIDKKGNFNYYEFTRILKHGAKDKDD
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

### Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

## Gene Info — MYL9

Entrez GeneID [10398](#)

GeneBank Accession# [NM\\_181526.1](#)

Protein Accession# [NP\\_852667.1](#)

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](#)