

## Datasheet

### MYL1 monoclonal antibody (M01), clone 2D9

**Catalog Number:** H00004632-M01

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against a partial recombinant MYL1.

**Clone Name:** 2D9

**Immunogen:** MYL1 (NP\_524146, 1 a.a. ~ 80 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:**

MSFSADQIAEFKEAFLFDRTGDSKITLSQVGDLRAL  
GTNPTNAEVRKVLGNPSNEELNAKKIEFEQFLPMMQAI  
SNNK

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, IHC-P, RNAi-Ab, S-ELISA, WB-Re, WB-Tr  
(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:** IgG2a 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:** 4632

**Gene Symbol:** MYL1

**Gene Alias:** MLC1F, MLC3F

**Gene Summary:** 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 expressed in fast skeletal muscle. Two transcript variants have been identified for this gene. [provided by RefSeq]