

## Datasheet

### MYL3 monoclonal antibody (M12), clone 4C2

**Catalog Number:** H00004634-M12

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

**Product Description:** Mouse monoclonal antibody raised against a full-length recombinant MYL3.

**Clone Name:** 4C2

**Immunogen:** MYL3 (AAH09790, 1 a.a. ~ 195 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:**

MAPKKPEPKKDDAKAAPKAAPAPAPPPEPERPKEVEF  
DASKIKIEFTPEQIEEFKEAFMLFDRTPKCEMKITYGQC  
GDVLRALGQNPTQAEVLRVLGKPRQEELNTKMMDFE  
TFLPMLQHISKNKDTGTIEDFVEGLRVFDKEGNGTVM  
GAELRHVLATLGERLTEDEVEKLMAGQEDSNGCINYE  
AFVKHIMSS

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, 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:** 4634

**Gene Symbol:** MYL3

**Gene Alias:** CMH8, MLC1SB, MLC1V, VLC1

**Gene Summary:** MYL3 encodes myosin light chain 3,

an alkali light chain also referred to in the literature as both the ventricular isoform and the slow skeletal muscle isoform. Mutations in MYL3 have been identified as a cause of mid-left ventricular chamber type hypertrophic cardiomyopathy. [provided by RefSeq]