

## Datasheet

### MYL5 monoclonal antibody (M01), clone 1C5

**Catalog Number:** H00004636-M01

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

**Product Description:** Mouse monoclonal antibody raised against a full length recombinant MYL5.

**Clone Name:** 1C5

**Immunogen:** MYL5 (AAH40050.1, 1 a.a. ~ 132 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:**

MDQNRDGFIDKEDLKDTYASLGKTNVKDDELDAMLKE  
ASGPINFMTFLNLFGEKLSGTDAEETILNAFKMLDPDG  
KGKINKEYIKRLLMSQADKMTAAEEVDQMFQFASIDVAG  
NLDYKALSYVITHGEEKEE

**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:** 4636

**Gene Symbol:** MYL5

**Gene Alias:** -

**Gene Summary:** This gene encodes one of the myosin light chains, a component of the hexameric ATPase cellular motor protein myosin. Myosin is composed of

two heavy chains, two nonphosphorylatable alkali light chains, and two phosphorylatable regulatory light chains. This gene product, one of the regulatory light chains, is expressed in fetal muscle and in adult retina, cerebellum, and basal ganglia. [provided by RefSeq]