

## Datasheet

### MTM1 monoclonal antibody (M01), clone 1C10

**Catalog Number:** H00004534-M01

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

**Product Description:** Mouse monoclonal antibody raised against a partial recombinant MTM1.

**Clone Name:** 1C10

**Immunogen:** MTM1 (AAH30779, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:**

MASASTSKYNSHSLLENESIKRTSRDGVNRDLTEAVPR  
LPGETLTDKEVIYICPFNGPIKGRVYITNYRLYLRSLET  
DSSLILDVPLGVISRIEKMGGAT

**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:** 4534

**Gene Symbol:** MTM1

**Gene Alias:** CNM, MTMX, XLMTM

**Gene Summary:** This gene encodes a dual-specificity phosphatase that acts on both phosphotyrosine and phosphoserine. It is required for muscle cell

differentiation and mutations in this gene have been identified as being responsible for X-linked myotubular myopathy. [provided by RefSeq]

**References:**

1. Myopathy in a woman and her daughter associated with a novel splice site MTM1 mutation. Hedberg C, Lindberg C, Mathe G, Moslemi AR, Oldfors A. Neuromuscul Disord. 2011 Nov 17.