

## Product datasheet for **CF809013**

### Myozenin 1 (MYOZ1) Mouse Monoclonal Antibody [Clone ID: OT11C11]

#### Product data:

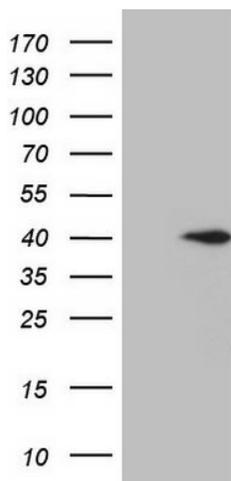
|                        |  |
|------------------------|--|
| Product Type:          | Primary Antibodies   |
| Clone Name:            | OT11C11  |
| Applications:          | WB   |
| Recommended Dilution:  | WB 1:2000  |
| Reactivity:            | Human, Mouse, Rat  |
| Host:                  | Mouse  |
| Isotype:               | IgG1   |
| Clonality:             | Monoclonal   |
| Immunogen:             | Human recombinant protein fragment corresponding to amino acids 106-299 of human MYOZ1(NP_067068) produced in E.coli.  |
| Formulation:           | Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)  |
| Reconstitution Method: | For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)                                     |
| Purification:          | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)  |
| Conjugation:           | Unconjugated   |
| Storage:               | Store at -20°C as received.  |
| Stability:             | Stable for 12 months from date of receipt.   |
| Gene Name:             | myozenin 1   |
| Database Link:         | <a href="#">NP_067068</a><br><a href="#">Entrez Gene 59011 Mouse</a> <a href="#">Entrez Gene 498440 Rat</a> <a href="#">Entrez Gene 58529 Human</a><br><a href="#">Q9NP98</a>  |
| Background:            | The protein encoded by this gene is primarily expressed in the skeletal muscle, and belongs to the myozenin family. Members of this family function as calcineurin-interacting proteins that help tether calcineurin to the sarcomere of cardiac and skeletal muscle. They play an important role in modulation of calcineurin signaling. [provided by RefSeq, Apr 2012] |



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Synonyms: CS-2; FATZ; MYOZ

### Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY MYOZ1 ([RC206448], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-MYOZ1 (1:2000). Positive lysates [LY411997] (100ug) and [LC411997] (20ug) can be purchased separately from OriGene.