

# Anti-TNNC1 / Cardiac Troponin C Antibody (clone 1F8-A9)

Mouse Anti Human Monoclonal Antibody

Catalog # ALS17690

## Product Information

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|------------------------------|------------------------|
| <b>Application</b>           | WB, IHC-P, E           |
| <b>Primary Accession</b>     | <a href="#">P63316</a> |
| <b>Predicted</b>             | Human                  |
| <b>Host</b>                  | Mouse                  |
| <b>Clonality</b>             | Monoclonal             |
| <b>Isotype</b>               | IgG1,k                 |
| <b>Clone Names</b>           | 1F8-A9                 |
| <b>Calculated MW</b>         | 18403                  |
| <b>Concentration (mg/ml)</b> | 0.48 mg/ml             |

## Additional Information

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|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>                      | 7134                                                                                                                                      |
| <b>Alias Symbol</b>                 | TNNC1                                                                                                                                     |
| <b>Other Names</b>                  | TNNC1, CMD1Z, Cardiac troponin C, CMH13, Troponin C type 1 (slow), TN-C, TNNC, Troponin C, slow, Troponin C1, slow                        |
| <b>Target/Specificity</b>           | Human TNNC1                                                                                                                               |
| <b>Reconstitution &amp; Storage</b> | Protein A purified                                                                                                                        |
| <b>Precautions</b>                  | Anti-TNNC1 / Cardiac Troponin C Antibody (clone 1F8-A9) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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| <b>Name</b>     | TNNC1                                                                                                                                                                                                                                                                                                                 |
| <b>Synonyms</b> | TNNC                                                                                                                                                                                                                                                                                                                  |
| <b>Function</b> | Troponin is the central regulatory protein of striated muscle contraction. Tn consists of three components: Tn-I which is the inhibitor of actomyosin ATPase, Tn-T which contains the binding site for tropomyosin and Tn-C. The binding of calcium to Tn-C abolishes the inhibitory action of Tn on actin filaments. |

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.