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| Product name: | Cardiac Troponin T Rabbit Monoclonal Antibody |
| Cat number: | MABN21387 |
| Conjugate: | Unconjugated |
| Size: | 100µL |
| Clone: | Monoclonal |
| Concentration: | 1mg/ml |
| Host: | Rabbit |
| Isotype: | IgG,Kappa |
| Immunogen: | A synthetic peptide of human Cardiac Troponin T |
| Reactivity: | Human,Mouse,Rat, |
| Applications: | WB 1:2000-1:10000,IHC 1:200-1:1000,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000,IP 1:50-1:200 |
| Molecular Weight: | Calculated MW:36kD;Observed MW:36kD |
| Purification: | Protein A |
| Form: | Liquid |
| Buffer: | PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA |
| Storage: | Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles. |
| Background: | Cell localization:Cytoplasm.The protein encoded by this gene isThe tropomyosin-binding subunit ofThe troponin complex, which is located onThe thin filament of striated muscles and regulates muscle contraction in response to alterations in intracellular calcium ion concentration. Mutations in this gene have been associated with familial hypertrophic cardiomyopathy as well as with dilated cardiomyopathy. Transcripts for this gene undergo alternative splicing that results in many tissue-specific isoforms, however,The full-length nature of some of these variants has not yet been determined. [provided by RefSeq, Jul 2008], |