

## Product datasheet for **TA804461BM**

### Cardiac Troponin T (TNNT2) Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI7A1]

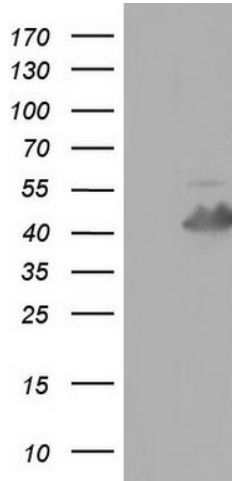
#### Product data:

|                         |   |
|-------------------------|---|
| Product Type:           | Primary Antibodies  |
| Clone Name:             | OTI7A1  |
| Applications:           | IHC, WB   |
| Recommended Dilution:   | WB 1:2000, IHC 1:150  |
| Reactivity:             | Human, Mouse, Rat   |
| Host:                   | Mouse   |
| Isotype:                | IgG2a   |
| Clonality:              | Monoclonal  |
| Immunogen:              | Full length human recombinant protein of human TNNT2 (NP_000355) produced in E.coli.  |
| Formulation:            | PBS (pH 7.3) containing 1% BSA, 50% glycerol.   |
| Concentration:          | 0.5 mg/ml   |
| Purification:           | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)   |
| Conjugation:            | HRP   |
| Storage:                | Store at -20°C as received.   |
| Stability:              | Stable for 12 months from date of receipt.  |
| Predicted Protein Size: | 35.4 kDa  |
| Gene Name:              | troponin T2, cardiac type   |
| Database Link:          | <a href="#">NP_000355</a><br><a href="#">Entrez Gene 21956 Mouse</a> <a href="#">Entrez Gene 24837 Rat</a> <a href="#">Entrez Gene 7139 Human</a><br><a href="#">P45379</a> |
| Synonyms:               | CMD1D; CMH2; CMPD2; cTnT; LVNC6; RCM3; TnTC   |
| Protein Families:       | Druggable Genome  |
| Protein Pathways:       | Cardiac muscle contraction, Dilated cardiomyopathy, Hypertrophic cardiomyopathy (HCM)   |

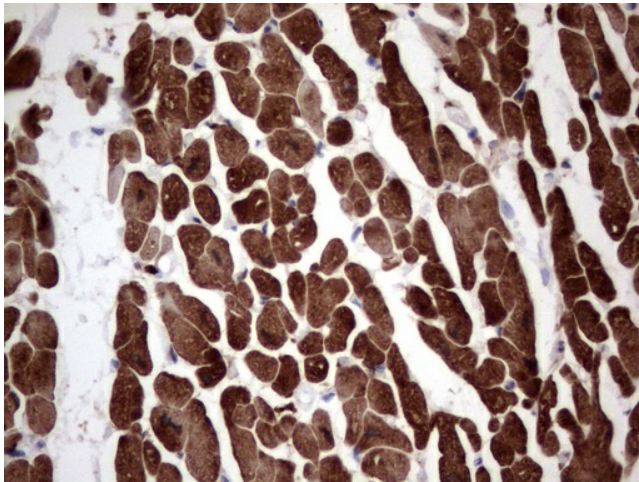


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**Product images:**



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY TNNT2 ([RC214180], 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-TNNT2. Positive lysates [LY400130] (100ug) and [LC400130] (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded Human adult heart tissue using anti-TNNT2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA804461])