

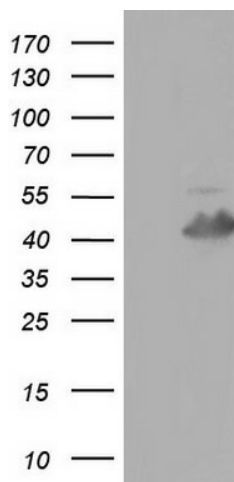
Product datasheet for **TA804461M**

Cardiac Troponin T (TNNT2) Mouse Monoclonal Antibody [Clone ID: OT17A1]

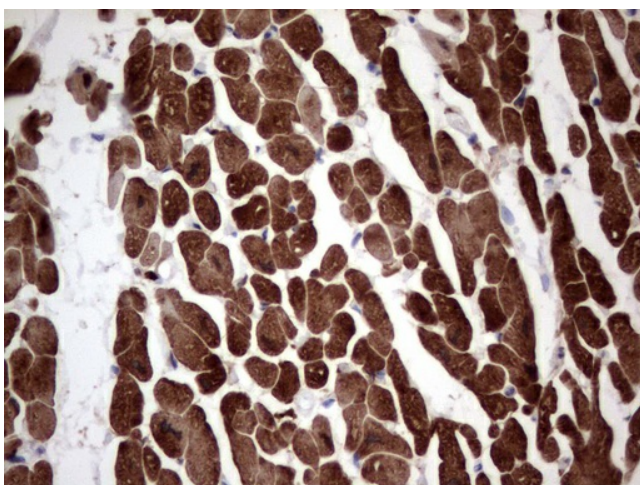
Product data:

| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | OT17A1 |
| 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 and 0.02% sodium azide. |
| Concentration: | 1 mg/ml |
| 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. |
| Predicted Protein Size: | 35.4 kDa |
| Gene Name: | troponin T2, cardiac type |
| Database Link: | NP_000355 Entrez Gene 21956 Mouse Entrez Gene 24837 Rat Entrez Gene 7139 Human P45379 |
| 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 EDTA solution buffer pH 8.0 at 120°C for 3 min.