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Datasheet for ABIN2179815
anti-Troponin T antibody (AA 201-298)

5 Images

Overview

Quantity:	100 µL
Target:	Troponin T (Tn T)
Binding Specificity:	AA 201-298
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Troponin T antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Cardiac Troponin T
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Pig
Purification:	Purified by Protein A.

Target Details

Target:	Troponin T (Tn T)
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Target Details

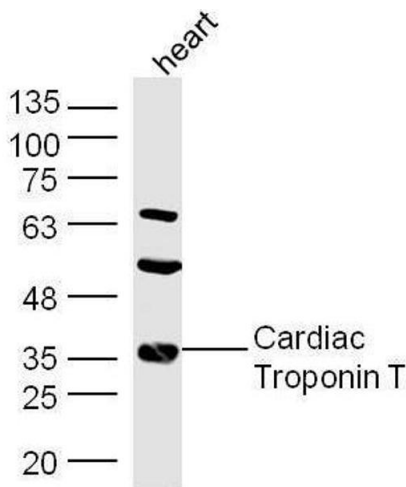
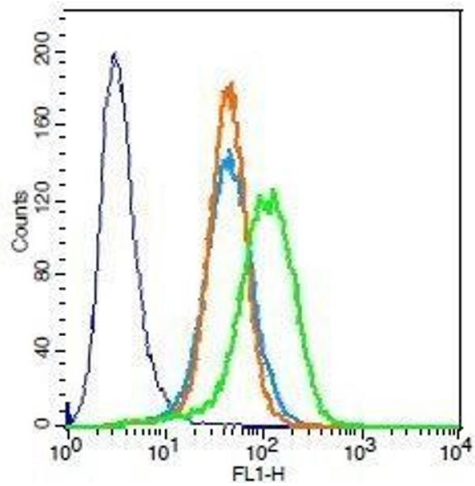
Alternative Name:	Troponin T (Tn T Products)
Background:	Synonyms: CMH2, RCM3, TnTC, cTnT, CMD1D, CMPD2, LVNC6, Troponin T, cardiac muscle, Cardiac muscle troponin T, TNNT2 Background: Troponin T is the tropomyosin-binding subunit of troponin, the thin filament regulatory complex which confers calcium-sensitivity to striated muscle actomyosin ATPase activity.
Gene ID:	7139
UniProt:	P45379

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 FCM 1:20-100 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

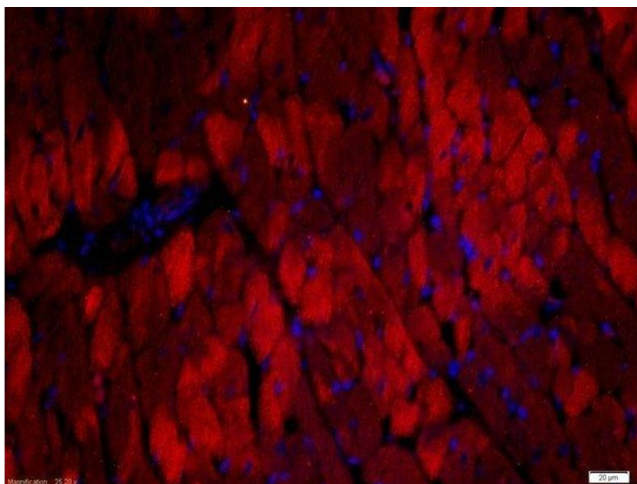


Flow Cytometry

Image 1. Rat H9C2 cells probed with Rabbit Anti-Troponin T Polyclonal Antibody, Unconjugated .

Western Blotting

Image 2. Mouse heart lysates probed with Rabbit Anti-Troponin T Polyclonal Antibody, Unconjugated at 1:500 for 90 min at 37°C.



Immunofluorescence (Paraffin-embedded Sections)

Image 3. Paraformaldehyde-fixed, paraffin embedded rat heart, Antigen retrieval by boiling in sodium citrate buffer (pH6) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes, Blocking buffer (normal goat serum) at 37°C for 20min, Antibody incubation with Rabbit Anti-Troponin T Polyclonal Antibody, Unconjugated at 1:500 overnight at 4°C, followed by a conjugated secondary Goat Anti-Rabbit IgG, Cy3 conjugated-Cy3)used at 1:200 dilution for 40 minutes at 37°C. DAPI(5ug/ml,blue) was used to stain the cell nuclei

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2179815.