

Datasheet for ABIN7428827
anti-MYH7 antibody (AA 1777-1935)

3 Images

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Overview

Quantity:	100 µL
Target:	MYH7
Binding Specificity:	AA 1777-1935
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MYH7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Myosin Heavy Chain 7, Cardiac Muscle, Beta (MYH7)
Immunogen:	Recombinant Myosin Heavy Chain 7, Cardiac Muscle, Beta (MYH7) corresponding to Ala1777~Glu1935 with N-terminal His Tag
Clone:	C1
Isotype:	IgG1 kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against MYH7. It has been selected for its ability to recognize MYH7 in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

Target Details

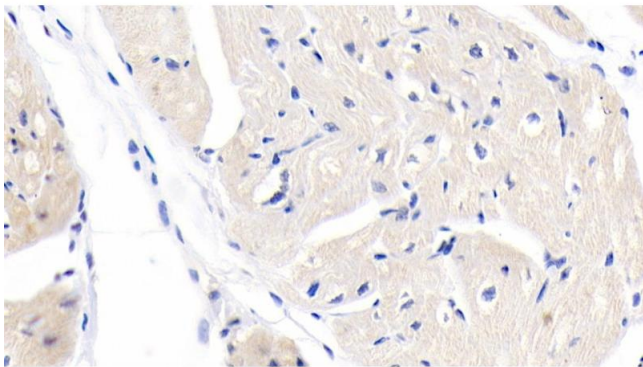
Target:	MYH7
Alternative Name:	Myosin Heavy Chain 7, Cardiac Muscle, Beta (MYH7 Products)
Background:	CMD1S, CMH1, MPD1, MYHCB, Myopathy, Distal 1, Myosin heavy chain slow isoform, Myosin heavy chain, cardiac muscle beta isoform

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

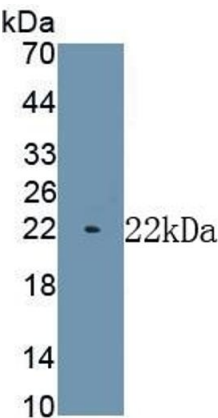
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



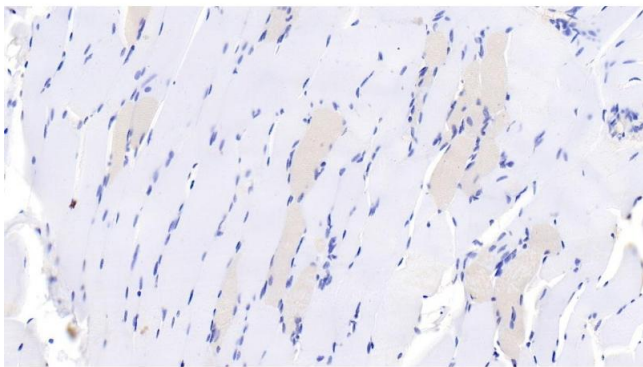
Immunohistochemistry

Image 1. Detection of MYH7 in Human Cardiac Muscle Tissue using Monoclonal Antibody to Myosin Heavy Chain 7, Cardiac Muscle, Beta (MYH7)



Western Blotting

Image 2. Detection of Recombinant MYH7, Human using Monoclonal Antibody to Myosin Heavy Chain 7, Cardiac Muscle, Beta (MYH7)



Immunohistochemistry

Image 3. Detection of MYH7 in Human Skeletal muscle Tissue using Monoclonal Antibody to Myosin Heavy Chain 7, Cardiac Muscle, Beta (MYH7)