

MAD418Hu22

Monoclonal Antibody to Myosin Heavy Chain 7, Cardiac Muscle, Beta (MYH7)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Monoclonal antibody preparation

Host: Mouse

Antibody isotype: IgG1 Kappa

Purification: Protein A + Protein G affinity chromatography

Clone number: C1

Traits: Liquid

Concentration: 1mg/ml

UOM: 100µl

Cross Reactivity: Rat; Porcine.

Applications: WB

[IMMUNOGEN]

Immunogen: Recombinant MYH7 (Ala1777~Glu1935) expressed in *E.coli*

Accession No.: RPD418Hu02

[APPLICATIONS]

Western blotting: 0.02-2µg/mL;

Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

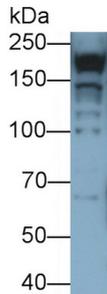
Store at 4°C for frequent use.

Aliquot and store at -20°C for 24 months.

Stability Test: 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.

[IDENTIFICATION]



Western Blot; Sample: Rat Skeletal muscle lysate
Primary Ab: 0.02 μ g/ml Mouse Anti-Human MYH7 Antibody
Second Ab: 0.2 μ g/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)

Western Blot; Sample: Porcine Skeletal muscle lysate
Primary Ab: 0.02 μ g/ml Mouse Anti-Human MYH7 Antibody
Second Ab: 0.2 μ g/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.