

MAD229Ra21

Monoclonal Antibody to Troponin I Type 1, Slow Skeletal (TNNI1)

Organism Species: *Rattus norvegicus* (Rat)

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: 1203#

Traits: Liquid

Concentration: 1mg/mL

UOM: 100µl

Cross Reactivity: Human;Mouse;Porcine

Applications: WB

[IMMUNOGEN]

Immunogen: Recombinant TNNI1 (Met1~Gln187) expressed in *E.coli*

Accession No.: RPD229Ra01

[APPLICATIONS]

Western blotting: 0.01-2µg/mL;

Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 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]

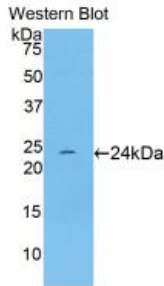


Figure. Western Blot; Sample: Recombinant TNNI1, Rat.

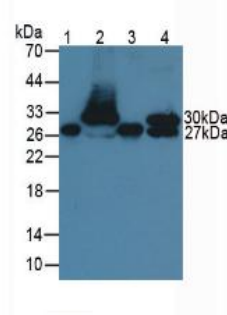


Figure. Western Blot; Sample: Lane1: Rat Skeletal Muscle Tissue; Lane2: Rat Heart Tissue; Lane3: Porcine Skeletal Muscle Tissue; Lane4: Porcine Heart Tissue.

[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.