

MAJ784Mu22

Monoclonal Antibody to Succinate Dehydrogenase Complex Subunit A (SDHA)

Organism Species: *Mus musculus* (Mouse)

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: IgG2a Kappa

Purification: Protein A + Protein G affinity chromatography

Clone number: C2

Traits: Liquid

Concentration: 1mg/mL

UOM: 200μL

Cross Reactivity: Human

Applications: WB; ICC/IF

[IMMUNOGEN]

Immunogen: Recombinant SDHA (Val4~Ile300) expressed in *E.coli*

Accession No.: RPJ784Mu01

[APPLICATIONS]

Western blotting: 0.01-2μg/mL;

Immunofluorescence: 5-30μg/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.

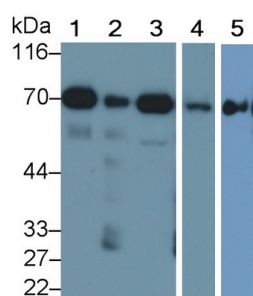
Store at 4°C for frequent use.

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

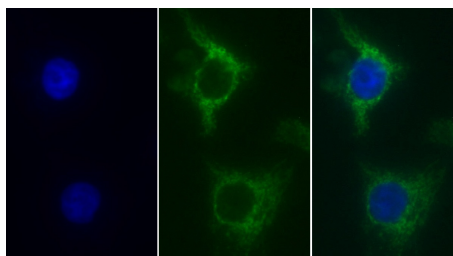
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no

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: Lane1: Mouse Heart lysate; Lane2: Mouse Liver lysate; Lane3: Mouse Cerebrum lysate; Lane4: Mouse Kidney lysate; Lane5: HepG2 cell lysate Primary Ab: 0.1μg/ml Mouse Anti-Mouse SDHA Antibody Second Ab: 0.2μg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA54



FITC staining on IF; Sample: Human

Hela cell; Primary Ab: 30ug/ml Mouse Anti-Mouse SDHA Antibody Second Ab: 2μg/ml FITC-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu18)

[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.