

MAA822Hu22

Monoclonal Antibody to Heat Shock Protein 60 (Hsp60)

Organism Species: *Homo sapiens* (Human)

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Monoclonal antibody preparation

Host: Mouse

Antibody isotype: IgG1Kappa

Purification: Protein A + Protein G affinity chromatography

Clone number: C4

Traits: Liquid

Concentration: 1mg/ml

UOM: 100µl

Cross Reactivity: Rat; Cavia; Porcine; Bovine;Gallus

Applications: WB; IHC; ICC; IP.

[IMMUNOGEN]

Immunogen: Recombinant Hsp60 (Met1~Phe573) expressed in *E.coli*

Accession No.: RPA822Hu01

[APPLICATIONS]

Western blotting: 0.01-2µg/mL;

Immunohistochemistry: 5-30µg/mL;

Immunocytochemistry: 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]

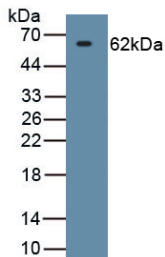
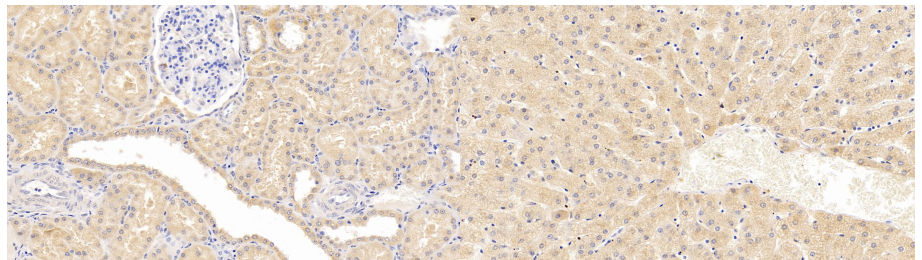
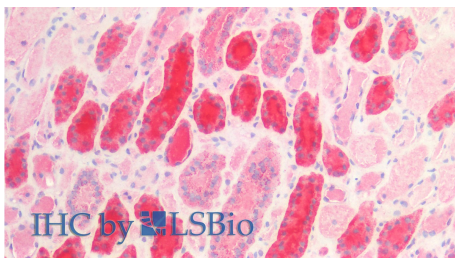


Figure. Western Blot; Sample: Recombinant HSPD1, Human.

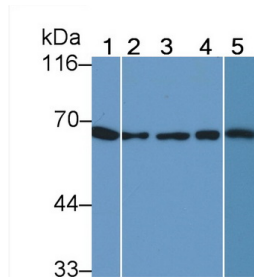


DAB staining on IHC-P;
 Samples: Human Kidney Tissue;
 Primary Ab: 10µg/ml Mouse Anti-Human HSPD1 Antibody
 Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody
 (Catalog: SAA544Mu19)

DAB staining on IHC-P;
 Samples: Human Liver Tissue;
 Primary Ab: 10µg/ml Mouse Anti-Human HSPD1 Antibody
 Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody
 (Catalog: SAA544Mu19)



Vector Red staining on IHC-P;
 Samples: Human Kidney Tissue;
 Primary Ab: 10µg/ml Mouse Anti-Human HSPD1 Antibody
 Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Monoclonal Antibody



Western Blot; Sample: Lane1: Rat Liver lysate; Lane2: Porcine Liver lysate; Lane3: Bovine Liver lysate; Lane4: Gallus Liver lysate; Lane5: Canine Liver lysate
 Primary Ab: 0.2µg/ml Mouse Anti-Human Hsp60 Antibody
 Second Ab: 0.2µg/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.