



CAB081Hu22
Anti-Heat Shock 70kDa Protein 1A (HSPA1A) Monoclonal Antibody
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

Purification: Protein A+G Affinity Chromatography.

Traits: Liquid

Concentration: 1mg/mL

UOM: 100 μ L

Applications: Loading Control of WB.

[IMMUNOGEN]

Immunogen: Recombinant HSPA1A (Asp285~Asp641) expressed in *E.coli*.

Accession No.: RPB081Hu02

[ORGANISM SPECIES MORE]

React with: Cavia;Rabbit;Canine;Bovine

Other species have not been detected.

[APPLICATIONS]

Western blotting: 0.01-5 μ g/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]

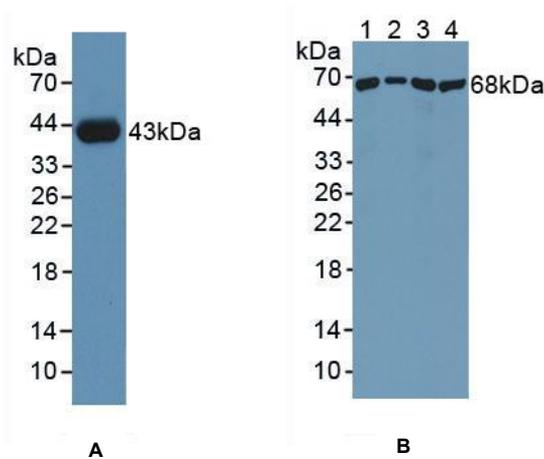


Figure 1. Western Blot

A. Sample: Recombinant HSPA1A, Human

B. Lane1: Porcine Liver Tissue

Lane2: Porcine Brain Tissue

Lane3: Human HeLa Cells

Lane4: Human Jurkat Cells

Primary Ab: 1:500 Dilution of Mouse Anti-Human HSPA1A Ab

Second Ab: 1:5000 Dilution of HRP-Linked Rabbit Anti-Mouse IgG Ab (Catalog: SAA544Mu09)

[Important Note]

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



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