

MAA102Hu21

Monoclonal Antibody to Matrix Metalloproteinase 7 (MMP7)

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: H3

Traits: Liquid

Concentration: 0.95mg/mL

UOM: 5mL

Cross Reactivity: N/A

Applications: WB

[IMMUNOGEN]

Immunogen: Recombinant MMP7 (Leu18~Lys267) expressed in *E.coli*

Accession No.: RPA102Hu02

[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.

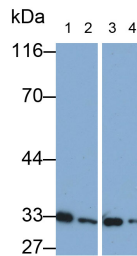
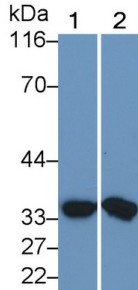
Store at 4°C for frequent use.

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]



Western Blot; Sample: Lane1: Human Placenta lysate; Lane2: SKOV3 cell lysate	Western Blot; Samples: Lane1: Human Placenta lysate; Lane2: SKOV3 cell lysate; Lane3: A549 cell lysate; Lane4: HCT116 cell lysate;
Primary Ab: 0.5µg/ml Mouse Anti-Human MMP7 Antibody	Primary Ab: 0.1µg/ml Mouse Anti-Human MMP7 Antibody
Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)	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.