

MAA553Hu23

Monoclonal Antibody to Matrix Metalloproteinase 9 (MMP9)

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: N/A

Purification: Protein A + Protein G affinity chromatography

Clone number: 1#

Traits: Liquid

Concentration: 0.59mg/mL

UOM: 10µL

Cross Reactivity: N/A

Applications: WB; ICC/IF

[IMMUNOGEN]

Immunogen: Recombinant MMP9 (Gly213~Ala399) expressed in *E.coli*

Accession No.: RPA553Hu01

[APPLICATIONS]

Western blotting: 0.01-2µg/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.

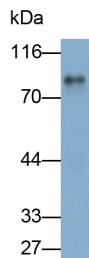
Store at 4°C for frequent use.

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

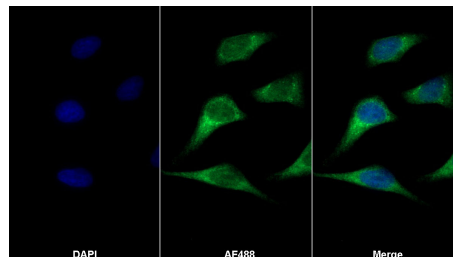
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no

obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[IDENTIFICATION]



Western Blot; Sample: Human Saliva
 Primary Ab: 1µg/ml Mouse Anti-Human
 MMP9 Antibody
 Second Ab: 0.2µg/ml HRP-Linked
 Caprine Anti-Mouse IgG Polyclonal
 Antibody
 (Catalog: SAA544Mu19)



AF488 staining on IF;

Sample: Hela cell
 Primary Ab: 30µg/ml Mouse Anti-
 Human MMP9 Antibody
 Second Ab: 2µg/ml AF488-Linked
 Caprine Anti-Mouse IgG Polyclonal
 Antibody
 (Catalog: SAA544Mu11)

[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.