

**MAA553Hu26**

**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**

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13th Edition (Revised in Aug, 2023)

**[ PROPERTIES ]**

**Source:** Monoclonal antibody preparation

**Host:** Mouse

**Antibody isotype:** IgG1Kappa

**Purification:** Protein A + Protein G affinity chromatography

**Clone number:** C1

**Traits:** Liquid

**Concentration:** 0.59mg/mL

**UOM:** 1mL

**Cross Reactivity:** Porcine

**Applications:** WB

**[ IMMUNOGEN ]**

**Immunogen:** Recombinant MMP9 (Ala20~Asp707) expressed in 293F cell

**Accession No.:** EPA553Hu61

**[ APPLICATIONS ]**

Western blotting: 0.01-2µg/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; Samples: Lane1: Porcine

Lung lysate; Lane2: Porcine Spleen

lysate;

Primary Ab: 0.2 $\mu$ g/ml Mouse Anti-

Human MMP9 Antibody

Second Ab: 0.2 $\mu$ g/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.