

MMP9 Rabbit mAb

Catalog No.: A23535 **Recombinant** **1 Publications**

Basic Information

Observed MW

100kDa

Calculated MW

78kDa

Category

Primary antibody

Applications

ELISA,WB,FC (intra)

Cross-Reactivity

Human

CloneNo number

ARC60372

Background

Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. Most MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. The enzyme encoded by this gene degrades type IV and V collagens. Studies in rhesus monkeys suggest that the enzyme is involved in IL-8-induced mobilization of hematopoietic progenitor cells from bone marrow, and murine studies suggest a role in tumor-associated tissue remodeling.

Recommended Dilutions

WB 1:500 - 1:1000**FC (intra)** 1:500 - 1:1000

Immunogen Information

Gene ID

4318

Swiss Prot

P14780

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 20-707 of human MMP9 (NP_004985.2).

Synonyms

GELB; CLG4B; MMP-9; MANDP2; MMP9

Contact

 | 400-999-6126 | cn.market@abclonal.com.cn | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

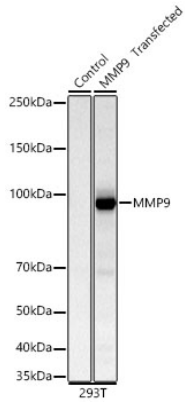
Affinity purification

Storage

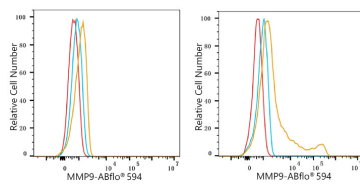
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

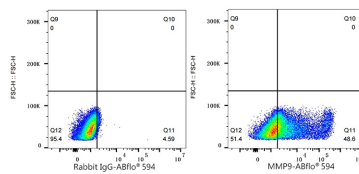
Validation Data



Western blot analysis of lysates from wild type (WT) and 293T cells transfected with MMP9 using MMP9 Rabbit mAb (A23535) at 1:1000 dilution.
 Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
 Lysates/proteins: 25µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit (RM00020).
 Exposure time: 30s.



Flow cytometry: 1×10^6 293F cells (Low Expression, left) and 293F (Transfection, right) cells were intracellularly-stained with MMP9 Rabbit mAb (A23535, 2 µg/mL, orange line) or ABflo® 594 Rabbit IgG isotype control (A23821, 5 µl/Test, blue line), followed by ABflo® 594-conjugated Goat Anti-Rabbit IgG (H+L) staining. Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1×10^6 293F (Transfection, right) cells were intracellularly-stained with ABflo® 594 Rabbit IgG isotype control (A23821, 5 µl/Test, left) or MMP9 Rabbit mAb (A23535, 2 µg/mL, right).