

A23919

Leader in Biomolecular Solutions for Life Science



Pro-MMP9 Rabbit mAb

Catalog No.: A23919

Recombinant

2 Publications

Basic Information

Observed MW

42kDa

Calculated MW

80KDa

Category

Monoclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Mouse

Clone number

ARC62081

Background

This gene encodes a member of the matrix metalloproteinase family of extracellular matrix-degrading enzymes that are involved in tissue remodeling, wound repair, progression of atherosclerosis and tumor invasion. The encoded preproprotein undergoes proteolytic processing to generate a mature, zinc-dependent endopeptidase enzyme that degrades collagens of type IV, V and XI, and elastin. Mice lacking the encoded protein exhibit an abnormal pattern of skeletal growth plate vascularization and ossification, reduced keratinocyte hyperproliferation at all neoplastic stages, a decreased incidence of invasive tumors, and resistance to experimental autoimmune encephalomyelitis.

Recommended Dilutions

WB 1:1000 - 1:10000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

17395

Swiss Prot

P41245

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

Clg4b; Gel B; MMP-9; B/MMP9; pro-MMP-9; Pro-MMP9

Contact

 www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

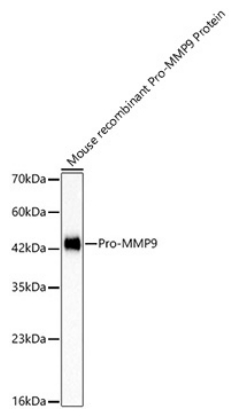
Purification

Affinity purification

Storage

Store at -20°C

Validation Data



Western blot analysis of lysates from 5ng Mouse recombinant Pro-MMP9 Protein, using Pro-MMP9 Rabbit mAb (A23919) at 1:1000 dilution.

Secondary antibody: HRP-conjugated 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: 0.3s.