

Product Information

Recombinant Anti-Human MMP12 Single Domain Antibody

Cat. No.: **MOM-18704**

This product is for research use only and is not intended for diagnostic use.

Antigen Description

May be involved in tissue injury and remodeling. Has significant elastolytic activity. Can accept large and small amino acids at the P1 site, but has a preference for leucine. Aromatic or hydrophobic residues are preferred at the P1 site, with small hydrophobic residues (preferably alanine) occupying P3.

Specific Activity

Tested positive against native human antigen.

Target

MMP12

Immunogen

The details of the immunogen for this antibody are not available.

Source

llama

Species Reactivity

Human

Type

llama VHH

Expression Host

E.coli

Storage

4°C. For long term storage, aliquot and store at -20°C. Repeated thawing and freezing must be avoided.

ANTIGEN GENE INFORMATION

Gene Name

[MMP12 matrix metalloproteinase 12 \(macrophage elastase\) \[Homo sapiens \]](#)

Official Symbol

MMP12

Synonyms

MMP12; matrix metalloproteinase 12 (macrophage elastase); matrix metalloproteinase 12 (macrophage elastase); macrophage metalloelastase; HME; macrophage elastase; matrix metalloproteinase-12; ME; MME; MMP-12; MGC138506

Gene ID

[4321](#)

mRNA Refseq

[NM_002426](#)

Protein Refseq

[NP_002417](#)

MIM

[601046](#)

UniProt ID

P39900

Chromosome Location

11q22.3

Pathway

Matrix Metalloproteinases, organism-specific biosystem.

Function

calcium ion binding; endopeptidase activity; metalloendopeptidase activity; peptidase activity; zinc ion binding.