

MMP12 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3117a

Specification

MMP12 Antibody (internal region) - Product Information

Application	WB, E
Primary Accession	P39900
Other Accession	NP_002417.2 , 4321
Reactivity	Human
Predicted	Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	54002

MMP12 Antibody (internal region) - Additional Information

Gene ID 4321

Other Names

Macrophage metalloelastase, MME, 3.4.24.65, Macrophage elastase, ME, hME, Matrix metalloproteinase-12, MMP-12, MMP12, HME

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

MMP12 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

MMP12 Antibody (internal region) - Protein Information

Name MMP12

Synonyms HME

Function

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.

Cellular Location

Secreted, extracellular space, extracellular matrix

Tissue Location

Found in alveolar macrophages but not in peripheral blood monocytes

MMP12 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MMP12 Antibody (internal region) - Images

AF3117a (0.5 µg/ml) staining of Human Breast Cancer lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

MMP12 Antibody (internal region) - References

Association of MMP1, MMP3, MMP9, and MMP12 polymorphisms with risk and clinical course of multiple sclerosis in a Polish population. Mirowska-Guzel D, Gromadzka G, Czlonkowski A, Czlonkowska A, Journal of neuroimmunology 2009 Sep 214 (1-2): 113-7. PMID: 19628284