

Rabbit Anti-MMP11/AF350 Conjugated antibody

SL1853R-AF350

Product Name	Anti-MMP11/AF350
Chinese Name	AF350 标记的基质金属蛋白酶 11 抗体
Alias	matrix metalloproteinase 11; Stromelysin-3; SL-3; Matrix metalloproteinase-11; MMP11; MMP 11; MMP-11; SL 3; SL3; ST 3; ST3; STMY 3; STMY3; Stromelysin 3; Stromelysin 3 precursor; Stromelysin III; Stromelysin3; StromelysinIII. MMP11_HUMAN; stromelysin-3 preproprotein.
Research Area	Tumour
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted:Human,Mouse,Rat,Dog,Pig,Cow) IF=1:100-500
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	43/51kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human MMP11
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Storage	
Product Detail	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. However, the enzyme encoded by this gene is activated intracellularly by furin within the constitutive secretory pathway. Also in contrast to other MMP's, this enzyme cleaves alpha 1-proteinase inhibitor but weakly degrades structural proteins of the extracellular matrix. [provided by RefSeq, Jul 2008].

Function:

May play an important role in the progression of epithelial malignancies.

Subunit:

Secreted, extracellular space, extracellular matrix (Probable).

Subcellular Location:

Secreted, extracellular space, extracellular matrix (Probable).

Tissue Specificity:

Specifically expressed in stromal cells of breast carcinomas.

Post-translational modifications:

The precursor is cleaved by a furin endopeptidase.

Similarity:

Belongs to the peptidase M10A family.

Contains 4 hemopexin-like domains.

Database links:

[Entrez Gene: 4320](#) Human

[Entrez Gene: 17385](#) Mouse

[Entrez Gene: 25481](#) Rat

[Omim: 185261](#) Human

[SwissProt: P24347](#) Human

[SwissProt: Q02853](#) Mouse

[SwissProt: Q499S5](#) Rat

[Unigene: 143751](#) Human

[Unigene: 4561](#) Mouse



[Unigene: 11123](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.