

Anti-MMP-11 antibody



Description	Rabbit polyclonal to MMP-11.
--------------------	------------------------------

Model	STJ94159
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IF, IHC, WB
Immunogen	Synthesized peptide derived from human MMP-11
Immunogen Region	30-110 aa, Internal
Gene ID	4320
Gene Symbol	MMP11
Dilution range	WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:20000
Specificity	MMP-11 Polyclonal Antibody detects endogenous levels of MMP-11 protein.
Tissue Specificity	Specifically expressed in stromal cells of breast carcinomas.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Stromelysin-3 SL-3 ST3 Matrix metalloproteinase-11 MMP-11
Molecular Weight	60 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:7157 OMIM:185261
Alternative Names	Stromelysin-3 SL-3 ST3 Matrix metalloproteinase-11 MMP-11
Function	May play an important role in the progression of epithelial malignancies.
Sequence and Domain Family	The conserved cysteine present in the cysteine-switch motif binds the catalytic zinc ion, thus inhibiting the enzyme. The dissociation of the cysteine from the zinc ion upon the activation-peptide release activates the enzyme.
Cellular Localization	Secreted, extracellular space, extracellular matrix
Post-translational Modifications	The precursor is cleaved by a furin endopeptidase.

St John's Laboratory Ltd

F +44 (0)207 681 2580

W <http://www.stjohnslabs.com/>

T +44 (0)208 223 3081

E info@stjohnslabs.com