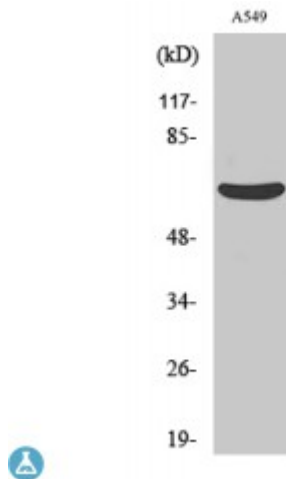


## Anti-MMP-11 antibody



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

<b>Isotype</b>	IgG
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Concentration</b>	1 mg/ml
<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="https://www.ncbi.nlm.nih.gov/RefSeq/record/MIM:185261">HGNC:7157OMIM:185261</a>
<b>Alternative Names</b>	Stromelysin-3 SL-3 ST3 Matrix metalloproteinase-11 MMP-11
<b>Function</b>	May play an important role in the progression of epithelial malignancies.
<b>Sequence and Domain Family</b>	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.
<b>Cellular Localization</b>	Secreted, extracellular space, extracellular matrix
<b>Post-translational Modifications</b>	The precursor is cleaved by a furin endopeptidase.

---

**St John's Laboratory Ltd**

**F** +44 (0)207 681 2580

**T** +44 (0)208 223 3081

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

**E** [info@stjohnslabs.com](mailto:info@stjohnslabs.com)