

For Research Use Only

# MMP11 Polyclonal antibody

Catalog Number: 30615-1-AP

1 Publications



## Basic Information

<b>Catalog Number:</b> 30615-1-AP	<b>GenBank Accession Number:</b> NM_005940	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 4320	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IF/ICC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P24347	
<b>Isotype:</b> IgG	<b>Full Name:</b> matrix metalloproteinase 11 (stromelysin 3)	
<b>Immunogen Catalog Number:</b> AG31191	<b>Calculated MW:</b> 55 kDa	
	<b>Observed MW:</b> 50-55 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b> WB : MCF-7 cells, A549 cells, T-47D cells
<b>Cited Applications:</b> IF	<b>IF/ICC :</b> A549 cells, MCF-7 cells
<b>Species Specificity:</b> Human	
<b>Cited Species:</b> human	

## Background Information

Matrix metalloproteinase 11 (MMP11), also named stromelysin-3, is a member of the stromelysin subgroup belonging to MMPs superfamily. The role of MMP11 in cancer progression has been shown by several preclinical observations: its expression promotes tumor take in mice, homing of malignant epithelial cells, cancer progression by remodeling extracellular matrix, and antiapoptotic and antinecrotic effect on tumor cells (PMID: 19509157, 26892540). MMP11 has a calculated molecular mass of 55 kDa.

## Notable Publications

Author	Pubmed ID	Journal	Application
Jiang Chang	40068596	Cancer Cell	IF

## Storage

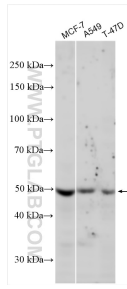
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

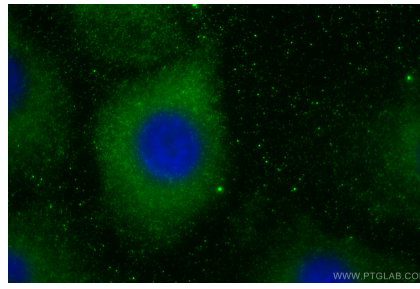
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30615-1-AP (MMP11 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed A549 cells using MMP11 antibody (30615-1-AP) at dilution of 1:200 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L).