

For Research Use Only

MMP11 Polyclonal antibody

Catalog Number: 30615-1-AP



Basic Information

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

Applications

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

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.

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

For technical support and original validation data for this product please contact:

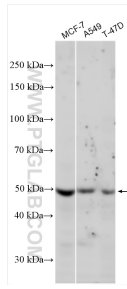
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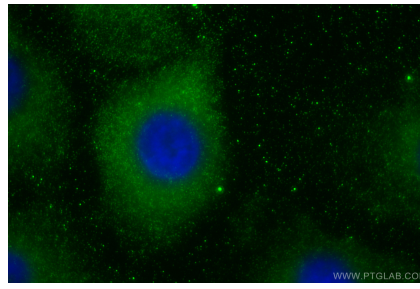
W: ptgcn.com

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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 AffiniPure Goat Anti-Rabbit IgG(H+L).