

For Research Use Only

MMP11 Polyclonal antibody

Catalog Number: 30615-1-AP

1 Publications



Basic Information

Catalog Number:

30615-1-AP

Size:

150ul , Concentration: 1000 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG31191

GenBank Accession Number:

NM_005940

GeneID (NCBI):

4320

UNIPROT ID:

P24347

Full Name:

matrix metalloproteinase 11 (stromelysin 3)

Calculated MW:

55 kDa

Observed MW:

50-55 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IF/ICC, ELISA

Cited Applications:

IF

Species Specificity:

Human

Cited Species:

human

Positive Controls:

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.

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

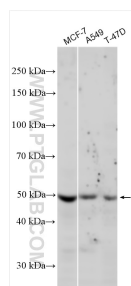
For technical support and original validation data for this product please contact:

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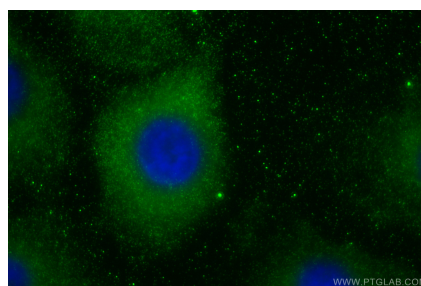
E: proteintech@ptglab.com
W: ptglab.com

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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 Goat Anti-Rabbit IgG(H+L).