

For Research Use Only

# MMP7 Monoclonal antibody

Catalog Number: 67990-1-Ig **2 Publications**



## Basic Information

<b>Catalog Number:</b> 67990-1-Ig	<b>GenBank Accession Number:</b> BC003635	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 4316	<b>CloneNo.:</b> 2E6D6
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P09237	<b>Recommended Dilutions:</b> WB: 1:2000-1:10000 IHC: 1:250-1:1000 IF-P: 1:200-1:800 IF/ICC: 1:200-1:800
<b>Isotype:</b> IgG2a	<b>Full Name:</b> matrix metalloproteinase 7 (matrilysin, uterine)	
<b>Immunogen Catalog Number:</b> AG0550	<b>Calculated MW:</b> 29 kDa	
	<b>Observed MW:</b> 27-30 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, IF/ICC, IF-P, ELISA	<b>Positive Controls:</b> WB : SKOV-3 cells, HT-29 cells, COLO 320 cells, A549 cells IHC : human stomach cancer tissue, IF-P : human pancreas cancer tissue, IF/ICC : PC-3 cells,
<b>Cited Applications:</b> WB, IHC	
<b>Species Specificity:</b> human	
<b>Cited Species:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Notable Publications

Author	Pubmed ID	Journal	Application
Fangjun Chen	40113621	Discov Oncol	WB
Shichao Han	39819270	Curr Eye Res	WB,IHC

## Storage

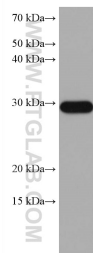
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

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

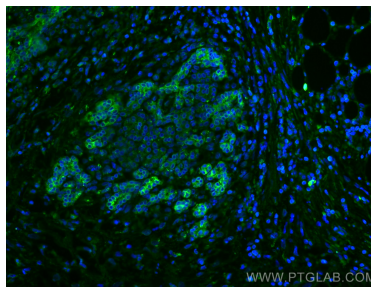
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

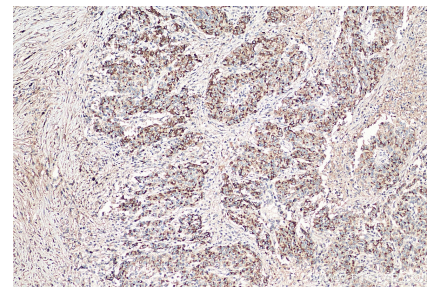
## Selected Validation Data



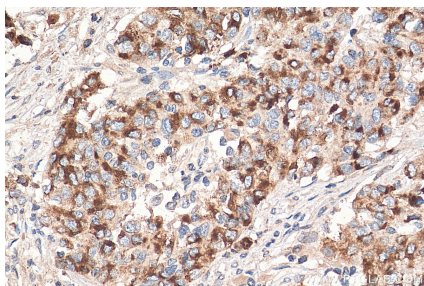
SKOV-3 cells were subjected to SDS PAGE followed by western blot with 67990-1-Ig (MMP7 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



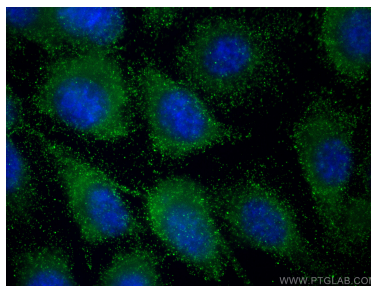
Immunofluorescent analysis of (4% PFA) fixed human pancreas cancer tissue using MMP7 antibody (67990-1-Ig, Clone: 2E6D6 ) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 67990-1-Ig (MMP7 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 67990-1-Ig (MMP7 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed PC-3 cells using MMP7 antibody (67990-1-Ig, Clone: 2E6D6 ) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (RGAM002).