

For Research Use Only

MMP7 Monoclonal antibody

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



Basic Information

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

Applications

Tested Applications: WB, IHC, IF/ICC, IF-P, ELISA	Positive Controls: 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,
Cited Applications: WB, IHC	
Species Specificity: human	
Cited Species: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Notable Publications

Author	Pubmed ID	Journal	Application
Shichao Han	39819270	Curr Eye Res	WB,IHC

Storage

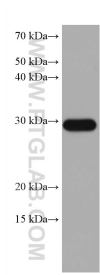
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

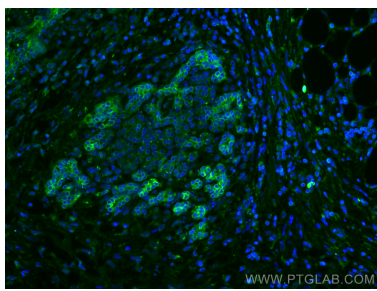
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

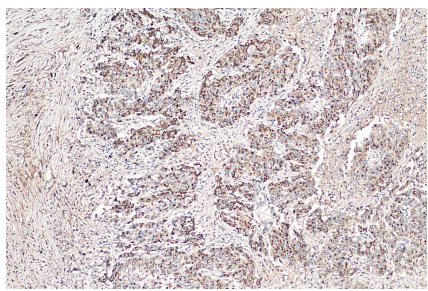
Selected Validation Data



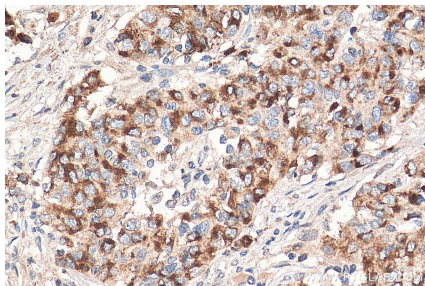
SKOV-3 cells were subjected to SDS PAGE followed by western blot with 67990-1-Ig (MMP7 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



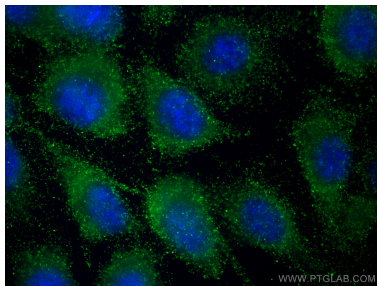
Immunofluorescent analysis of (4% PFA) fixed human pancreas cancer tissue using MMP7 antibody (67990-1-Ig, Clone: 2E6D6) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



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).