

For Research Use Only

MMP7 Monoclonal antibody

Catalog Number: 67990-1-Ig



Basic Information

Catalog Number:

67990-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG0550

GenBank Accession Number:

BC003635

GeneID (NCBI):

4316

UNIPROT ID:

P09237

Full Name:

matrix metalloproteinase 7
(matrilysin, uterine)

Calculated MW:

29 kDa

Observed MW:

27-30 kDa

Purification Method:

Protein A purification

CloneNo.:

2E6D6

Recommended Dilutions:

WB 1:2000-1:10000

IHC 1:250-1:1000

IF 1:200-1:800

Applications

Tested Applications:

IF-P, IHC, WB, ELISA

Species Specificity:

Human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : SKOV-3 cells, HT-29 cells, COLO 320 cells, A549 cells

IHC : human stomach cancer tissue,

IF : human pancreas cancer tissue,

Background Information

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:

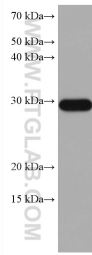
T: 4006900926

E: Proteintech-CN@ptglab.com

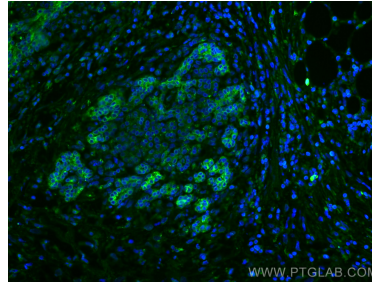
W: ptgcn.com

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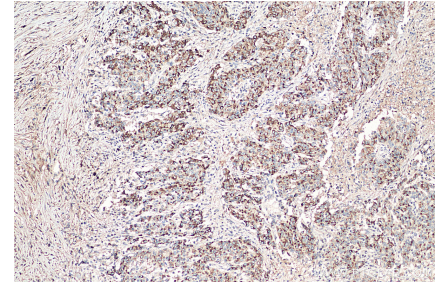
Selected Validation Data



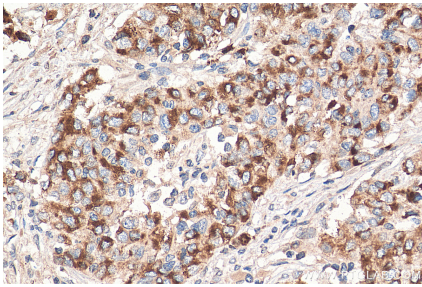
SKOV-3 cells were subjected to SDS PAGE followed by western blot with 67990-1-Ig (MMP7 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



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).