

For Research Use Only

PSMD13 Monoclonal antibody

Catalog Number: 67807-1-Ig



Basic Information

Catalog Number:

67807-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG7857

GenBank Accession Number:

BC001100

GeneID (NCBI):

5719

UNIPROT ID:

Q9UNM6

Full Name:

proteasome (prosome, macropain)
26S subunit, non-ATPase, 13

Calculated MW:

43 kDa

Observed MW:

43 kDa

Purification Method:

Protein G purification

CloneNo.:

2G10G6

Recommended Dilutions:

WB 1:5000-1:50000

IHC 1:2000-1:8000

IF 1:400-1:1600

Applications

Tested Applications:

IF/ICC, IHC, WB, ELISA

Species Specificity:

Human, mouse, rat, rabbit, pig, chicken

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 : HCT 116 cells, SMMC-7721 cells, HepG2 cells, HuH-7 cells, mouse liver tissue, NIH/3T3 cells, HSC-T6 cells, K-562 cells, Jurkat cells, HEK-293 cells, HeLa cells, L02 cells, A549 cells, Calu-3 cells, rat liver tissue, rabbit liver tissue, pig liver, chicken liver

IHC : human pancreas cancer tissue, human lung cancer tissue

IF : HepG2 cells,

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:

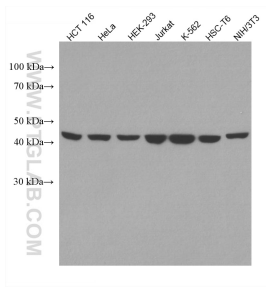
T: 4006900926

E: Proteintech-CN@ptglab.com

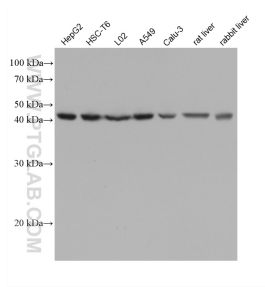
W: ptgcn.com

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

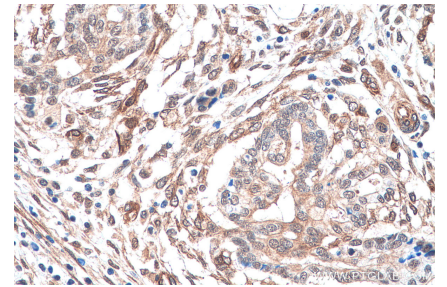
Selected Validation Data



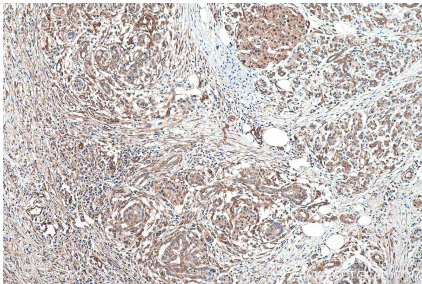
Various lysates were subjected to SDS PAGE followed by western blot with 67807-1-Ig (PSMD13 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



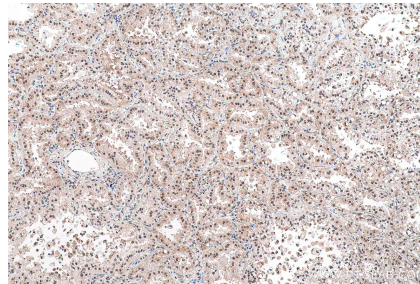
Various lysates were subjected to SDS PAGE followed by western blot with 67807-1-Ig (PSMD13 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



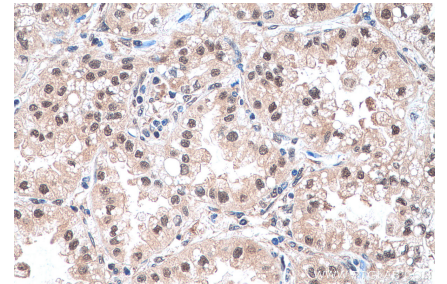
Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 67807-1-Ig (PSMD13 antibody) at dilution of 1:4000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



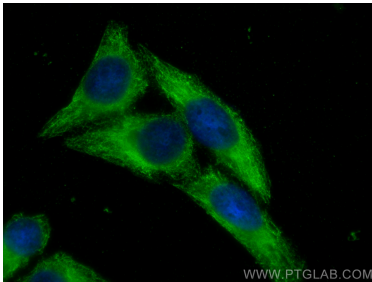
Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 67807-1-Ig (PSMD13 antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 67807-1-Ig (PSMD13 antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 67807-1-Ig (PSMD13 antibody) at dilution of 1:4000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using PSMD13 antibody (67807-1-Ig, Clone: 2G10G6) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).