

For Research Use Only

# PSMD13 Monoclonal antibody

Catalog Number: 67807-1-Ig



## Basic Information

<b>Catalog Number:</b> 67807-1-Ig	<b>GenBank Accession Number:</b> BC001100	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 5719	<b>CloneNo.:</b> 2G10G6
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q9UNM6	<b>Recommended Dilutions:</b> WB 1:5000-1:50000 IHC 1:2000-1:8000 IF/ICC 1:400-1:1600
<b>Isotype:</b> IgG1	<b>Full Name:</b> proteasome (prosome, macropain) 26S subunit, non-ATPase, 13	
<b>Immunogen Catalog Number:</b> AG7857	<b>Calculated MW:</b> 43 kDa	
	<b>Observed MW:</b> 43 kDa	

## Applications

**Tested Applications:**  
WB, IHC, IF/ICC, 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/ICC :** HepG2 cells,

## 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

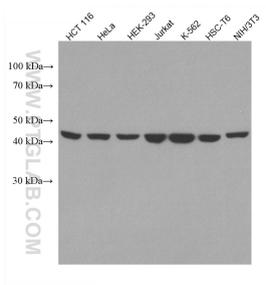
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

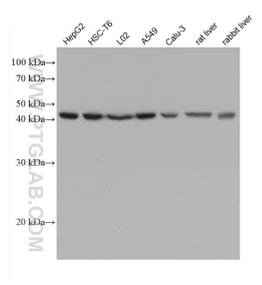
E: proteintech@ptglab.com  
W: ptglab.com

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

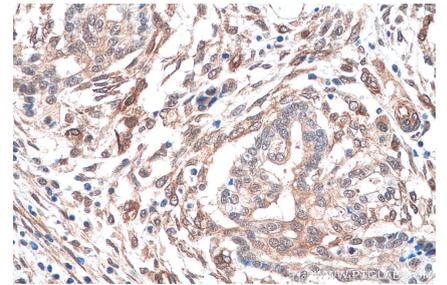
## Selected Validation Data



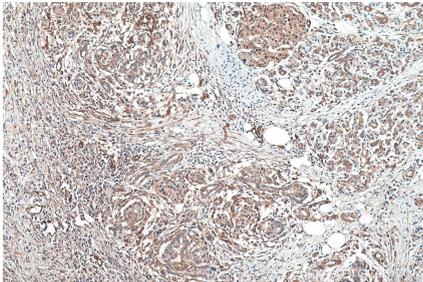
Various lysates were subjected to SDS PAGE followed by western blot with 67807-1-Ig (PSMD13 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



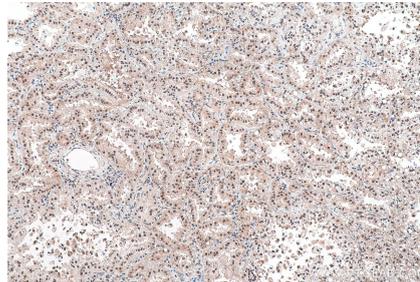
Various lysates were subjected to SDS PAGE followed by western blot with 67807-1-Ig (PSMD13 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



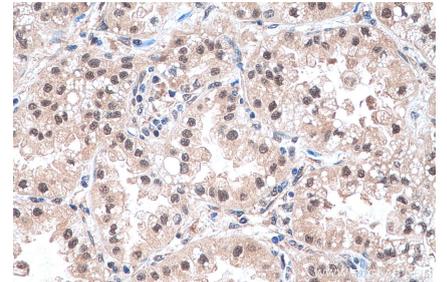
Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 67807-1-Ig (PSMD13 antibody) at dilution of 1:4000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



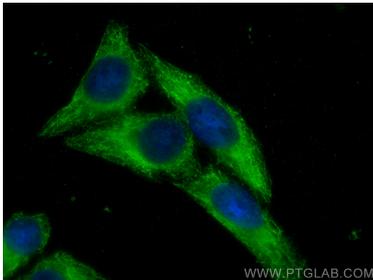
Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 67807-1-Ig (PSMD13 antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).