

For Research Use Only

# PSMD5 Monoclonal antibody

Catalog Number: 67682-1-Ig



## Basic Information

Catalog Number:

67682-1-Ig

Size:

1100 µg/ml

Source:

Mouse

Isotype:

IgG3

Immunogen Catalog Number:

AG19298

GenBank Accession Number:

BC014478

GeneID (NCBI):

5711

UNIPROT ID:

Q16401

Full Name:

proteasome (prosome, macropain)

26S subunit, non-ATPase, 5

Calculated MW:

504 aa, 56 kDa

Observed MW:

50 kDa

Purification Method:

Protein A purification

CloneNo.:

1D5F7

Recommended Dilutions:

WB 1:1000-1:8000

IHC 1:200-1:800

IF 1:200-1:800

## Applications

Tested Applications:

IF/ICC, IHC, WB, ELISA

Species Specificity:

Human, pig, rat, rabbit, mouse

**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: pig liver tissue, rabbit liver tissue, rat liver tissue, K-562 cells, HCT 116 cells

IHC: human colon cancer tissue,

IF: A431 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:

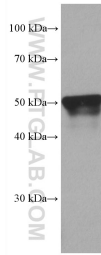
T: 4006900926

E: Proteintech-CN@ptglab.com

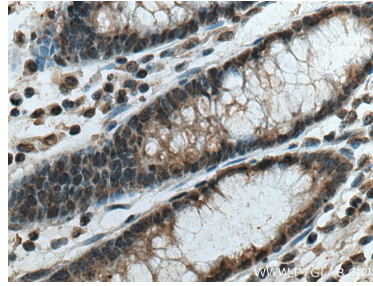
W: ptgcn.com

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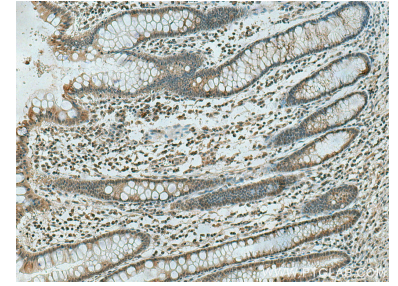
## Selected Validation Data



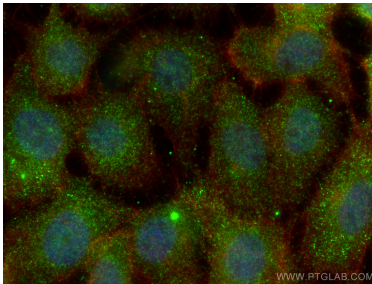
pig liver tissue were subjected to SDS PAGE followed by western blot with 67682-1-Ig (PSMD5 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 67682-1-Ig (PSMD5 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 67682-1-Ig (PSMD5 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed A431 cells using PSMD5 antibody (67682-1-Ig, Clone: 1D5F7) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-phalloidin (red).