

For Research Use Only

PSMD5 Monoclonal antibody

Catalog Number: 67682-1-Ig



Basic Information

Catalog Number: 67682-1-Ig	GenBank Accession Number: BC014478	Purification Method: Protein A purification
Size: 150ul, Concentration: 1100 µg/ml by Nanodrop and 500 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 5711	CloneNo.: 1D5F7
Source: Mouse	Full Name: proteasome (prosome, macropain) 26S subunit, non-ATPase, 5	Recommended Dilutions: WB 1:1000-1:8000 IHC 1:200-1:800 IF 1:200-1:800
Isotype: IgG3	Calculated MW: 504 aa, 56 kDa	
Immunogen Catalog Number: AG19298	Observed MW: 50 kDa	

Applications

Tested Applications:

IF, 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

*** 20ul sizes contain 0.1% BSA

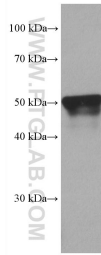
For technical support and original validation data for this product please contact:

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

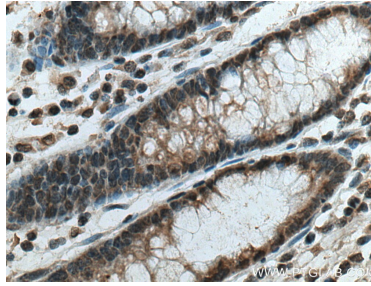
E: proteintech@ptglab.com
W: ptglab.com

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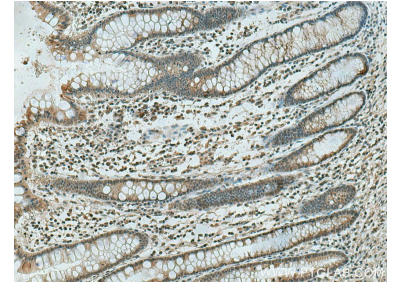
Selected Validation Data



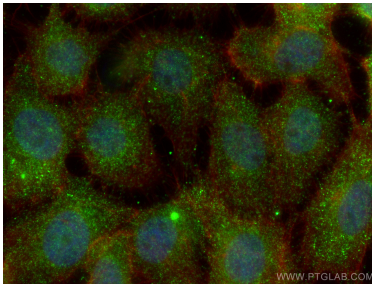
pig liver tissue were subjected to SDS PAGE followed by western blot with 67682-1-Ig (PSMD5 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



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).