

For Research Use Only

PSMA8 Monoclonal antibody

Catalog Number: 68123-1-Ig

Featured Product

1 Publications



Basic Information

Catalog Number:

68123-1-Ig

Concentration:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG5138

GenBank Accession Number:

BC042820

GeneID (NCBI):

143471

UNIPROT ID:

Q8TAA3

Full Name:

proteasome (prosome, macropain)
subunit, alpha type, 8

Calculated MW:

29 kDa

Observed MW:

28 kDa

Purification Method:

Protein A purification

CloneNo.:

2G2G3

Recommended Dilutions:

WB: 1:5000-1:50000

IHC: 1:500-1:2000

IF/ICC: 1:400-1:1600

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB

Species Specificity:

Human, mouse, rat, pig, rabbit

Cited Species:

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: HCT 116 cells, rat lung tissue, mouse lung tissue,
HeLa cells, HuH-7 cells, NCI-H1299 cells, A549 cells,
pig lung tissue, rabbit lung tissue

IHC: mouse testis tissue, human colon cancer tissue,
human lung cancer tissue, mouse liver tissue, rat liver
tissue, rat testis tissue

IF/ICC: HepG2 cells,

Background Information

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Notable Publications

Author	Pubmed ID	Journal	Application
Eszter Bajtai	40312750	Mol Cancer	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

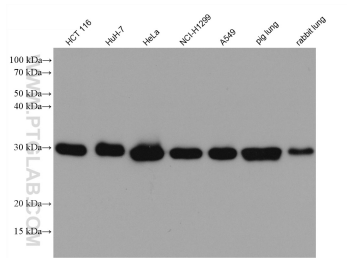
T: 4006900926

E: Proteintech-CN@ptglab.com

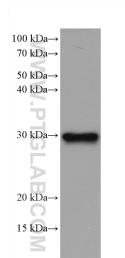
W: ptgcn.com

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

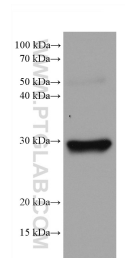
Selected Validation Data



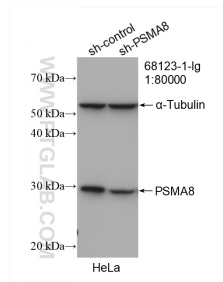
Various lysates were subjected to SDS PAGE followed by western blot with 68123-1-Ig (PSMA8 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



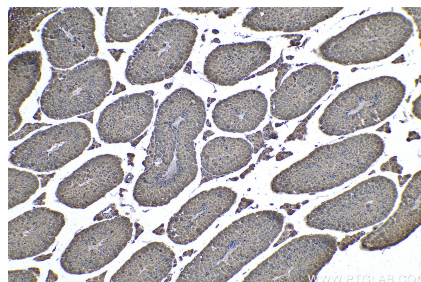
rat lung tissue were subjected to SDS PAGE followed by western blot with 68123-1-Ig (PSMA8 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



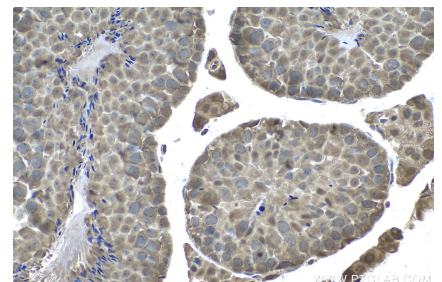
mouse lung tissue were subjected to SDS PAGE followed by western blot with 68123-1-Ig (PSMA8 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



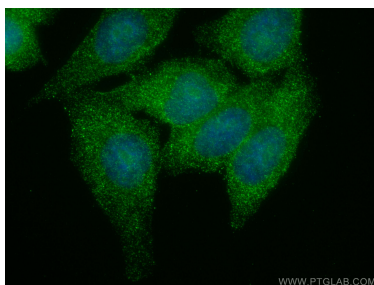
WB result of PSMA8 antibody (68123-1-Ig; 1:80000; incubated at room temperature for 1.5 hours) with sh-Control and sh-PSMA8 transfected HeLa cells.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 68123-1-Ig (PSMA8 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 68123-1-Ig (PSMA8 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using PSMA8 antibody (68123-1-Ig; Clone: 2G2G3) at dilution of 1:800 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L).