

For Research Use Only

PSME3 Monoclonal antibody, PBS Only



Catalog Number: 67629-1-PBS

Basic Information

Catalog Number:

67629-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG6716

GenBank Accession Number:

BC001423

GeneID (NCBI):

10197

UNIPROT ID:

P61289

Full Name:

proteasome (prosome, macropain)
activator subunit 3 (PA28 gamma; Ki)

Calculated MW:

30 kDa

Observed MW:

32 kDa

Purification Method:

Protein A purification

CloneNo.:

2A8E8

Applications

Tested Applications:

WB,IHC,ELISA

Species Specificity:

Human, Rat

Background Information

PSME3 gene encodes proteasome activator complex subunit 3, which is also called REG-gamma or PA28-gamma. REG-gamma activates the trypsin-like catalytic subunit of the proteasome thus is a proteasome regulator. MDM2-TP53 interaction which promotes ubiquitination- and MDM2-dependent proteasomal degradation of TP53, may be promoted by REG-gamma resulting in inhibited apoptosis after DNA damage. REG-gamma may also be involved in cell cycle regulation.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only

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

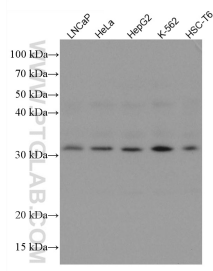
T: 4006900926

E: Proteintech-CN@ptglab.com

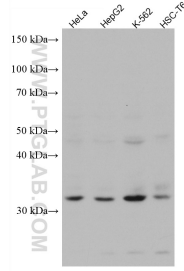
W: ptgcn.com

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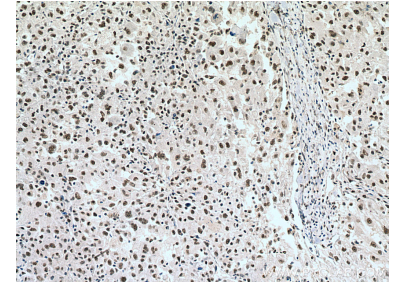
Selected Validation Data



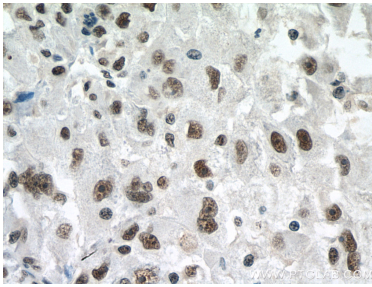
Various lysates were subjected to SDS PAGE followed by western blot with 67629-1-Ig (PSME3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67629-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 67629-1-Ig (PSME3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67629-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 67629-1-Ig (PSME3 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67629-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 67629-1-Ig (PSME3 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67629-1-PBS in a different storage buffer formulation.