

For Research Use Only

PSMA7 Recombinant monoclonal antibody

Catalog Number: 87190-3-RR



Basic Information

Catalog Number:

87190-3-RR

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7389

GenBank Accession Number:

BC004427

GeneID (NCBI):

5688

UNIPROT ID:

O14818

Full Name:

proteasome (prosome, macropain) subunit, alpha type, 7

Calculated MW:

28 kDa

Observed MW:

28-30 kDa

Purification Method:

Protein A purification

CloneNo.:

252503A7

Recommended Dilutions:

WB: 1:5000-1:50000

IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

WB, IP, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HeLa cells, HepG2 cells, K-562 cells, Jurkat cells, MCF-7 cells, NIH/3T3 cells, HSC-T6 cells

IP : HeLa cells,

Background Information

PSMA7(Proteasome subunit alpha type-7) is also named HSPC and belongs to the peptidase T1A family. It is an α -type subunit of the 20S proteasome core complex and participates in degrading proteins through the ubiquitin-proteasome pathway (UPP) which plays an important role in the regulation of cell proliferation or cell cycle control, transcriptional regulation, immune and stress response, cell differentiation, and apoptosis(PMID: 19442227).

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:

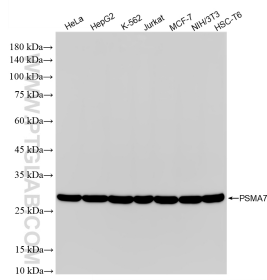
T: 4006900926

E: Proteintech-CN@ptglab.com

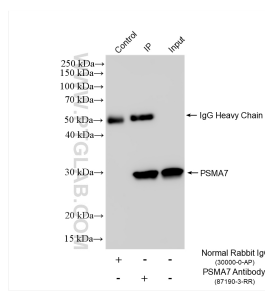
W: ptgcn.com

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 87190-3-RR (PSMA7 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



IP result of anti-PSMA7 (IP:87190-3-RR, 4ug; Detection:87190-3-RR 1:3000) with HeLa cells lysate 1320 ug.