

For Research Use Only

PSMA7 Recombinant monoclonal antibody

Catalog Number: 87190-3-RR



Basic Information

Catalog Number: 87190-3-RR	GenBank Accession Number: BC004427	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 5688	CloneNo.: 252503A7
Source: Rabbit	UNIPROT ID: O14818	Recommended Dilutions: WB: 1:5000-1:50000 IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
Isotype: IgG	Full Name: proteasome (prosome, macropain) subunit, alpha type, 7	
Immunogen Catalog Number: AG7389	Calculated MW: 28 kDa	
	Observed MW: 28-30 kDa	

Applications

Tested Applications: WB, IP, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	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

*** 20ul sizes contain 0.1% BSA

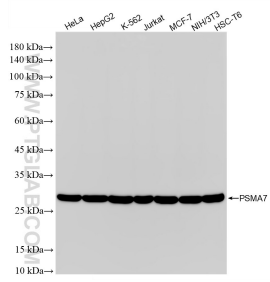
For technical support and original validation data for this product please contact:

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

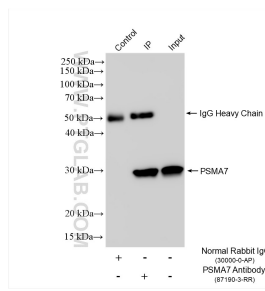
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



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.