

For Research Use Only

PSMD11 Recombinant monoclonal antibody, PBS Only

Catalog Number: 86596-3-PBS



Basic Information

Catalog Number:	86596-3-PBS	GenBank Accession Number:	BC000437	Purification Method:	Protein A purification
Size:	100ug, Concentration: 1 mg/ml by Nanodrop;	GenID (NCBI):	5717	CloneNo.:	251499B5
Source:	Rabbit	UNIPROT ID:	O00231		
Isotype:	IgG	Full Name:	proteasome (prosome, macropain) 26S subunit, non-ATPase, 11		
Immunogen Catalog Number:	AG6435	Calculated MW:	47 kDa		
		Observed MW:	47 kDa		

Applications

Tested Applications:
WB, IHC, IF/ICC, Indirect ELISA
Species Specificity:
human, mouse, rat

Background Information

The 26 S proteasome is a 2.5-MDa molecular machine that degrades ubiquitinated proteins in eukaryotic cells. It consists of a proteolytic core particle and two 19 S regulatory particles (RPs) composed of 6 ATPase (RPT) and 13 non-ATPase (RPN) subunits. PSMD11 gene encodes 195 proteasome subunit RPN6. Increased levels of PSMD11 and a corresponding increased assembly of the 26S/30S proteasome is correlated with high proteasome activity. In vitro ectopic expression of PSMD11 is sufficient to increase proteasome assembly and activity. Latest research has implicated PSMD11 in regulation of human embryonic stem cells function.

Storage

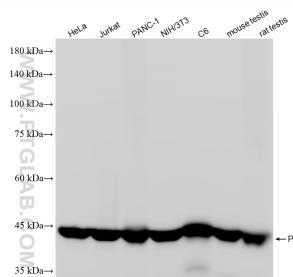
Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

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)

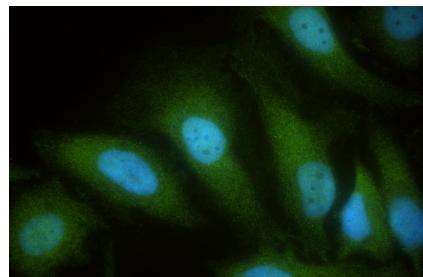
E: proteintech@ptglab.com
W: ptglab.com

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

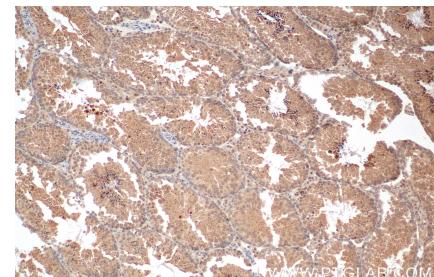
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86596-3-RR (PSMD11 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86596-3-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using PSMD11 antibody (86596-3-RR, Clone: 251499B5) at dilution of 1:200 and Coralite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 86596-3-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 86596-3-RR (PSMD11 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 86596-3-PBS in a different storage buffer formulation.