

For Research Use Only

PSMC1 Recombinant antibody, PBS Only

Catalog Number: 86237-1-PBS



Basic Information

Catalog Number:	86237-1-PBS	GenBank Accession Number:	BC016368	Purification Method:	Protein A purification
Concentration:	1 mg/ml	GeneID (NCBI):	5700	CloneNo.:	251014B9
Source:	Rabbit	UNIPROT ID:	P62191		
Isotype:	IgG	Full Name:	proteasome (prosome, macropain) 26S subunit, ATPase, 1		
Immunogen Catalog Number:	AG1677	Calculated MW:	49 kDa		
		Observed MW:	52-60 kDa		

Applications

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

Background Information

Storage

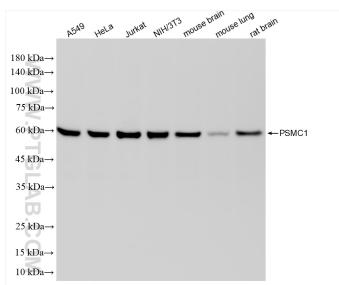
Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com

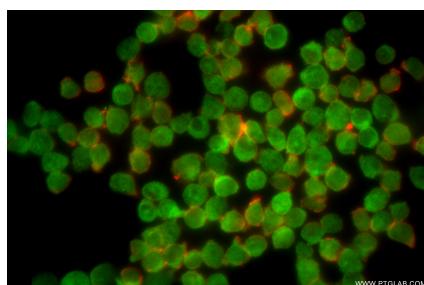
W: ptgcn.com

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

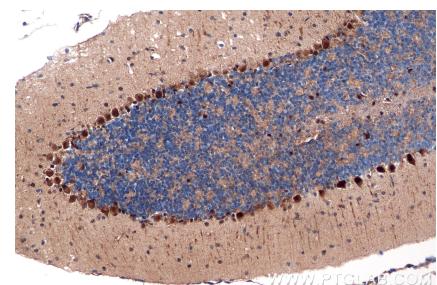
Selected Validation Data



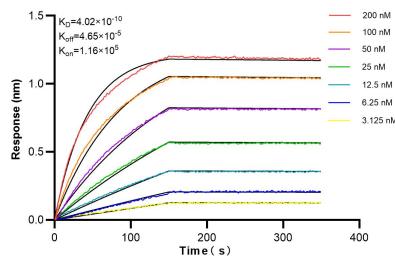
Various lysates were subjected to SDS PAGE followed by western blot with 86237-1-RR (PSMC1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86237-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using PSMC1 antibody (86237-1-RR, Clone: 25101489) at dilution of 1:200 and Coralite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 86237-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 86237-1-RR (PSMC1 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 86237-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 86237-1-RR against Human PSMC1 were performed. The affinity constant is 0.402 nM.