

For Research Use Only

PSMC1 Recombinant antibody

Catalog Number: 86237-1-RR



Basic Information

Catalog Number:	86237-1-RR	GenBank Accession Number:	BC016368	Purification Method:	Protein A purification
Concentration:	1000 µg/ml	GenelD (NCBI):	5700	CloneNo.:	251014B9
Source:	Rabbit	UNIPROT ID:	P62191	Recommended Dilutions:	WB: 1:5000-1:50000 IHC: 1:500-1:2000 IF/ICC: 1:50-1:500
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, ELISA	Positive Controls:	
Species Specificity:	human, mouse, rat	WB:	A549 cells, HeLa cells, Jurkat cells, NIH/3T3 cells, mouse brain tissue, mouse lung tissue, rat brain tissue
		IHC:	mouse cerebellum tissue,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0		IF/ICC:	Jurkat cells,

Background Information

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:

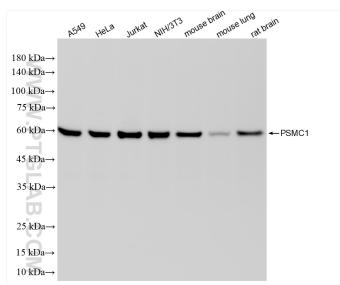
T: 4006900926

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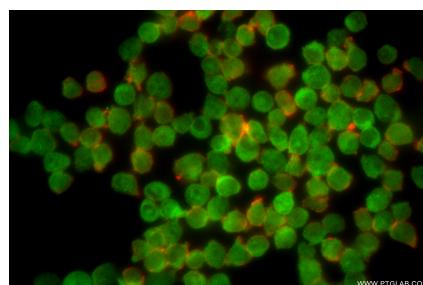
W: ptgcn.com

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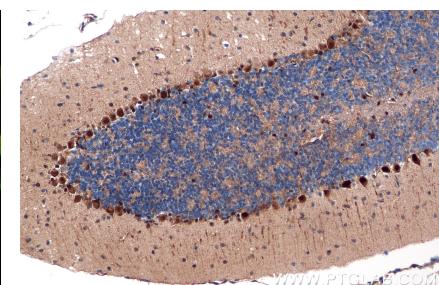
Selected Validation Data



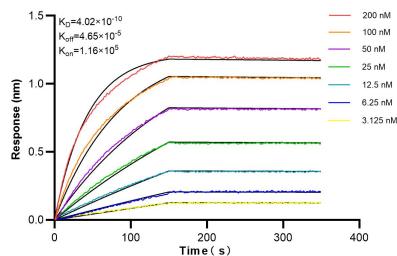
Various lysates were subjected to SDS PAGE followed by western blot with 86237-1-RR (PSMC1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using PSMC1 antibody (86237-1-RR, Clone: 251014B9) at dilution of 1:200 and Coralite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



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).



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