

For Research Use Only

PSMC1 Recombinant antibody, PBS Only

Catalog Number: 86237-1-PBS



Basic Information

Catalog Number:

86237-1-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1677

GenBank Accession Number:

BC016368

GeneID (NCBI):

5700

UNIPROT ID:

P62191

Full Name:

proteasome (prosome, macropain)
26S subunit, ATPase, 1

Calculated MW:

49 kDa

Observed MW:

52-60 kDa

Purification Method:

Protein A purification

CloneNo.:

251014B9

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, rat

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

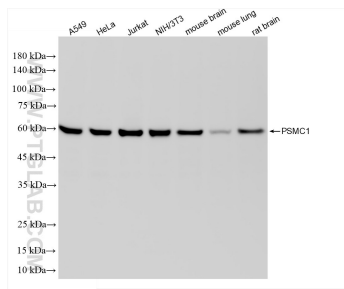
For technical support and original validation data for this product please contact:

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

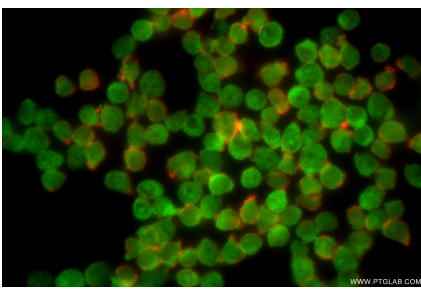
E: proteintech@ptglab.com
W: ptglab.com

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

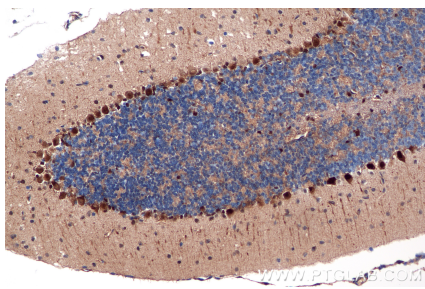
Selected Validation Data



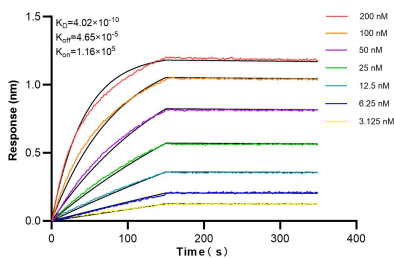
Various lysates were subjected to SDS PAGE followed by western blot with 86237-1-RR (PSMC1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86237-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using PSMC1 antibody (86237-1-RR, Clone: 251014B9) 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.