

For Research Use Only

PSMC1 Recombinant antibody, PBS Only

Catalog Number: 86237-1-PBS



Basic Information

Catalog Number:

86237-1-PBS

Concentration:

1 mg/ml

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

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:

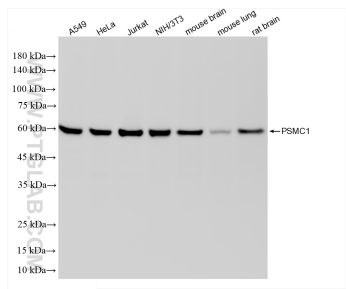
T: 4006900926

E: Proteintech-CN@ptglab.com

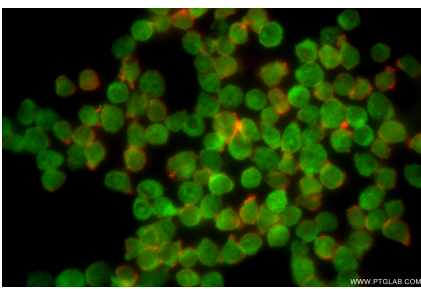
W: ptgcn.com

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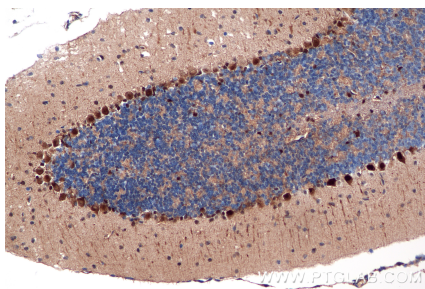
Selected Validation Data



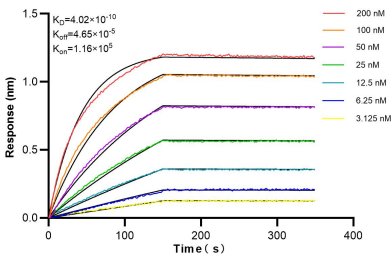
Various lysates were subjected to SDS PAGE followed by western blot with 86237-1-RR (PSMC1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86237-1-PBS in a different storage buffer formulation.



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.