

For Research Use Only

PSMD14/POH1 Recombinant antibody, PBS Only

Catalog Number: 84767-4-PBS



Basic Information

Catalog Number:

84767-4-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2694

GenBank Accession Number:

BC009524

GeneID (NCBI):

10213

UNIPROT ID:

O00487

Full Name:

proteasome (prosome, macropain)

26S subunit, non-ATPase, 14

Calculated MW:

35 kDa

Purification Method:

Protein A purification

CloneNo.:

242160H6

Applications

Tested Applications:

IF/ICC, Indirect ELISA

Species Specificity:

human

Background Information

The PSMD14 (POH1, also known as Rpn11/MPR1/S13/CepP1) protein is a metalloprotease component of the 26S proteasome that specifically cleaves 'Lys-63'-linked polyubiquitin chains. The 26S proteasome is involved in the ATP-dependent degradation of ubiquitinated proteins. PSMD14 is highly expressed in the heart and skeletal muscle. In carcinoma cell lines, down-regulation of PSMD14 by siRNA transfection considerably impacted cell viability, causing cell arrest in the G0-G1 phase, ultimately leading to senescence.

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

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

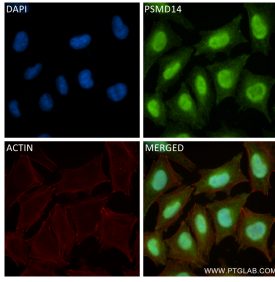
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed A375 cells using PSMD14 antibody (84767-4-RR, Clone: 242160H6) at dilution of 1:250 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 84767-4-PBS in a different storage buffer formulation.