

For Research Use Only

PSMD14/POH1 Recombinant antibody, PBS Only

Catalog Number: 84767-4-PBS



Basic Information

Catalog Number: 84767-4-PBS	GenBank Accession Number: BC009524	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 10213	CloneNo.: 242160H6
Source: Rabbit	UNIPROT ID: O00487	
Isotype: IgG	Full Name: proteasome (prosome, macropain) 26S subunit, non-ATPase, 14	
Immunogen Catalog Number: AG2694	Calculated MW: 35 kDa	

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

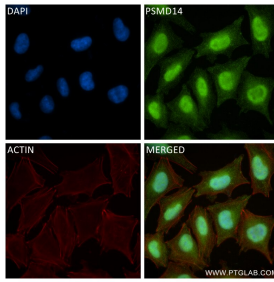
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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)
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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.