

For Research Use Only

# PSMD14/POH1 Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number: 84767-3-PBS



## Basic Information

Catalog Number: 84767-3-PBS	GenBank Accession Number: BC009524	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 10213	CloneNo.: 242160E7
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	
	Observed MW: 33 kDa	

## Applications

**Tested Applications:**  
WB, IHC, IF/ICC, Cytometric bead array, Sandwich  
ELISA, Indirect ELISA, Sample test

**Species Specificity:**  
human, mouse

## 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 had a considerable impact on 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:

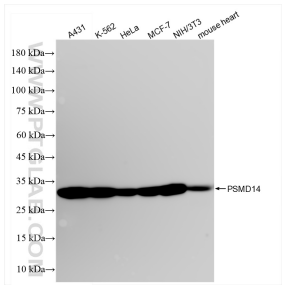
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84767-3-RR (PSMD14/POH1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84767-3-PBS in a different storage buffer formulation.

