

**PTMS Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP9279b**

**Specification**

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**PTMS Antibody (C-term) - Product Information**

Application	<b>WB, IHC-P, FC,E</b>
Primary Accession	<a href="#">P20962</a>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Isotype	<b>Rabbit IgG</b>
Calculated MW	<b>11530</b>
Antigen Region	<b>57-85</b>

**PTMS Antibody (C-term) - Additional Information**

**Gene ID** 5763

**Other Names**

Parathymosin, PTMS

**Target/Specificity**

This PTMS antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 57-85 amino acids from the C-terminal region of human PTMS.

**Dilution**

WB~~1:1000  
IHC-P~~1:50~100  
FC~~1:10~50

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

PTMS Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**PTMS Antibody (C-term) - Protein Information**

**Name** PTMS

**Function** Parathymosin may mediate immune function by blocking the effect of prothymosin

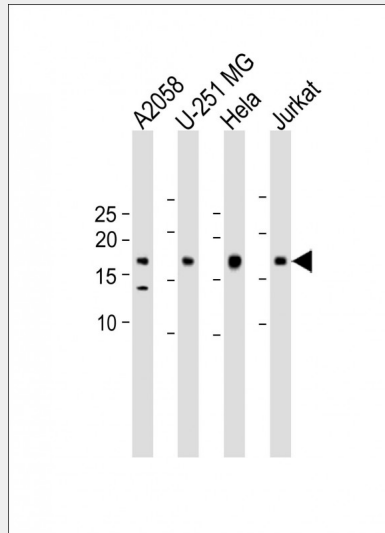
alpha which confers resistance to certain opportunistic infections.

### PTMS Antibody (C-term) - Protocols

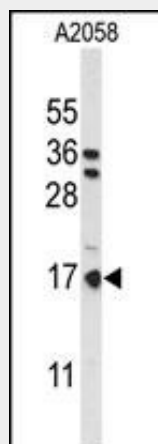
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

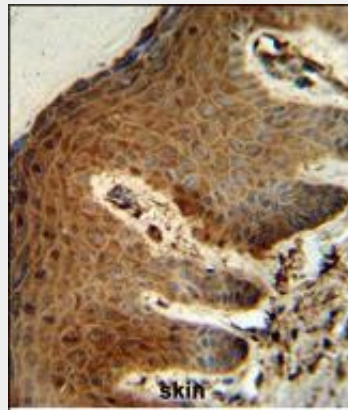
### PTMS Antibody (C-term) - Images



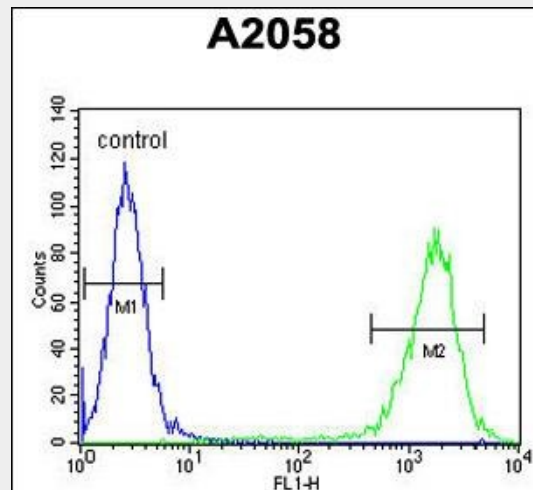
All lanes: Anti-PTMS Antibody (C-term) at 1:2000 dilution Lane 1: A2058 whole cell lysate Lane 2: U-251 MG whole cell lysate Lane 3: HeLa whole cell lysate Lane 4: Jurkat whole cell lysate Lysates/proteins at 20 µg per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 18 KDa Blocking/Dilution buffer: 5% NFDM/TBST.



Western blot analysis of PTMS Antibody (C-term) (Cat. #AP9279b) in A2058 cell line lysates (35ug/lane). PTMS (arrow) was detected using the purified Pab.



PTMS Antibody (C-term) (Cat. #AP9279b) IHC analysis in formalin fixed and paraffin embedded human skin followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the PTMS Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



PTMS Antibody (C-term) (Cat. #AP9279b) flow cytometric analysis of A2058 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

#### **PTMS Antibody (C-term) - Background**

PTMS may mediate immune function by blocking the effect of prothymosin alpha which confers resistance to certain opportunistic infections.

#### **PTMS Antibody (C-term) - References**

- Hosgood, H.D. et al., *Occup Environ Med* 66 (12), 848-853 (2009)
- Chapuis, J., et al., *Mol. Psychiatry* 14 (11), 1004-1016 (2009)
- Martic, G., et al., *J. Biol. Chem.* 280 (16), 16143-16150 (2005)