

## Rabbit anti-Human PTMS Polyclonal Antibody | anti-PTMS antibody

PTMS Antibody (C-term)

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                                |
|-----------|--------|------------|-----------------------------------------------------------------------------|
| AAA283732 | Rabbit | Human      | Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot |

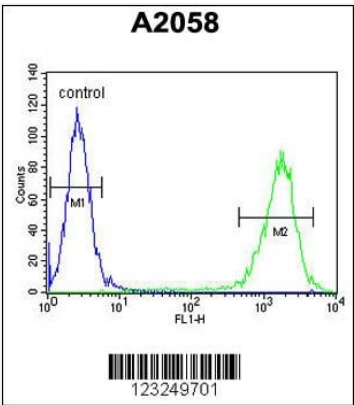
### PRODUCT SYNONYMS

PTMS; Polyclonal Antibody; PTMS Antibody (C-term); Parathymosin; anti-PTMS antibody

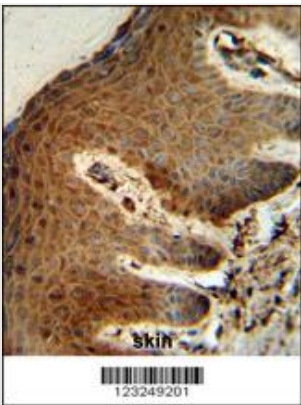
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                              |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                       |
| Reactivity                                     | Human                                                                                                                                                                        |
| Clonality                                      | Polyclonal                                                                                                                                                                   |
| Isotype                                        | Rabbit Ig                                                                                                                                                                    |
| 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.           |
| Purity/Purification                            | Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                   |
| Form/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. |
| Concentration                                  | Vial Concentration: 0.29 (varies by lot)                                                                                                                                     |
| Sequence Positions                             | 57-85                                                                                                                                                                        |
| Sequence Length                                | 102                                                                                                                                                                          |
| Applicable Applications for anti-PTMS antibody | FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)                                                                                              |
| Antigen Type                                   | Synthetic Peptide                                                                                                                                                            |
| Antigen Source                                 | HUMAN                                                                                                                                                                        |
| Preparation and Storage                        | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                       |

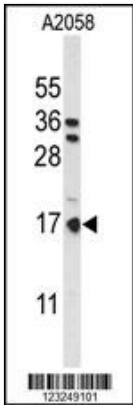
IMAGES



**FCM/FACS (Flow Cytometry)**  
PTMS Antibody (C-term) 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.



**IHC (Immunohistochemistry)**  
PTMS Antibody (C-term) 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.



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

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                   |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-PTMS antibody | PTMS may mediate immune function by blocking the effect of prothymosin alpha which confers resistance to certain opportunistic infections.                                                        |
| References                                         | Hosgood,H.D. et.al., Occup Environ Med 66 (12), 848-853 (2009)<br>Chapuis,J., et.al., Mol. Psychiatry 14 (11), 1004-1016 (2009)<br>Martic,G., et.al., J. Biol. Chem. 280 (16), 16143-16150 (2005) |

NCBI AND UNIPROT INFORMATION

|                           |              |
|---------------------------|--------------|
| NCBI GI #                 | 46276863     |
| NCBI GeneID               | 5763         |
| NCBI Accession #          | NP_002815.3  |
| NCBI GenBank Nucleotide # | NM_002824.4  |
| UniProt Accession #       | P20962       |
| Molecular Weight          | 11530        |
| NCBI Official Full Name   | parathymosin |

|                                  |              |
|----------------------------------|--------------|
| NCBI Official Synonym Full Names | parathymosin |
| NCBI Official Symbol             | PTMS         |
| NCBI Official Synonym Symbols    | ParaT        |
| NCBI Protein Information         | parathymosin |
| UniProt Protein Name             | Parathymosin |
| UniProt Gene Name                | <b>PTMS</b>  |
| UniProt Entry Name               | PTMS_HUMAN   |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/ptms-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/283732>