

For Research Use Only

# DCD Polyclonal antibody

Catalog Number: 11985-1-AP



## Basic Information

<b>Catalog Number:</b> 11985-1-AP	<b>GenBank Accession Number:</b> BC062682	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 550 µg/ml by Nanodrop and 360 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 117159	<b>Recommended Dilutions:</b> IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>Full Name:</b> dermcidin	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 11 kDa	
<b>Immunogen Catalog Number:</b> AG2613		

## Applications

<b>Tested Applications:</b> IHC, ELISA	<b>Positive Controls:</b> IHC : human skin tissue, human breast cancer tissue
<b>Species Specificity:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

Dermcidin, also named as DCD, AIDD and DSEP, is human antibiotic peptide secreted by sweat glands. It displays antimicrobial activity thereby limiting skin infection by potential pathogens in the first few hours after bacterial colonization.

## Storage

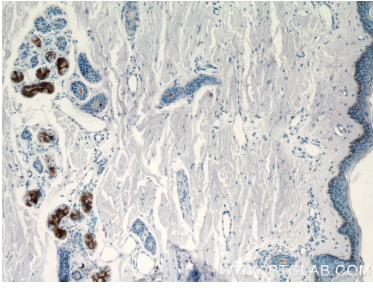
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

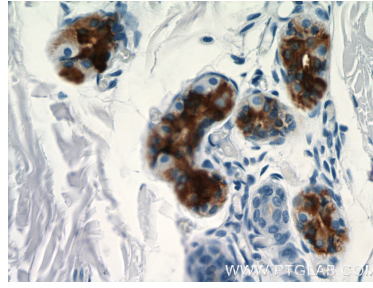
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human skin tissue slide using 11985-1-AP (DCD Antibody) at dilution of 1:800 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human skin tissue slide using 11985-1-AP (DCD Antibody) at dilution of 1:800 (under 40x lens).