

For Research Use Only

# DCD Polyclonal antibody

Catalog Number: 11985-1-AP



## Basic Information

**Catalog Number:**

11985-1-AP

**Size:**

150ul, Concentration: 550 ug/ml by Nanodrop and 360 ug/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG2613

**GenBank Accession Number:**

BC062682

**GeneID (NCBI):**

117159

**UNIPROT ID:**

P81605

**Full Name:**

dermcidin

**Calculated MW:**

11 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

IHC 1:20-1:200

## Applications

**Tested Applications:**

IHC, ELISA

**Species Specificity:**

human

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

IHC : human skin tissue, human breast cancer tissue

## 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

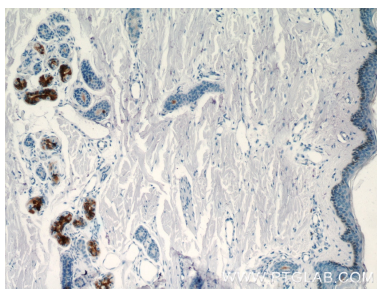
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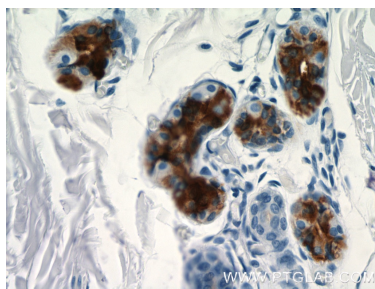
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## Selected Validation Data



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).