

Datasheet for ABIN390675  
**anti-Dermcidin antibody (C-Term)**

## 3 Images

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## Overview

Quantity:	400 µL
Target:	Dermcidin (DCD)
Binding Specificity:	AA 74-103, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Dermcidin antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This DCD antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 74-103 amino acids from the C-terminal region of human DCD.
Clone:	RB18706
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

## Target Details

Target:	Dermcidin (DCD)
Alternative Name:	DCD ( <a href="#">DCD Products</a> )

## Target Details

**Background:** DCD is a secreted protein that is subsequently processed into mature peptides of distinct biological activities. The C-terminal peptide is constitutively expressed in sweat and has antibacterial and antifungal activities. The N-terminal peptide, also known as diffusible survival evasion peptide, promotes neural cell survival under conditions of severe oxidative stress. A glycosylated form of the N-terminal peptide may be associated with cachexia (muscle wasting) in cancer patients.

**Molecular Weight:** 11284

**Gene ID:** 117159

**NCBI Accession:** [NP\\_444513](#)

**UniProt:** [P81605](#)

## Application Details

**Application Notes:** WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Buffer:** Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

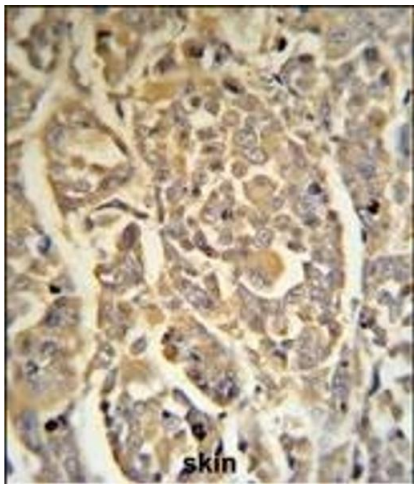
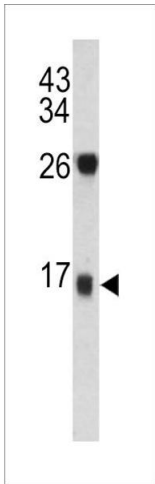
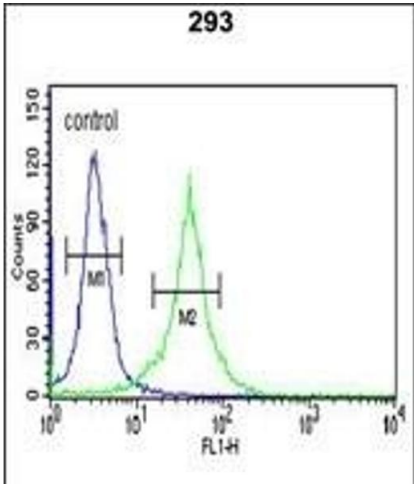
**Preservative:** Sodium azide

**Precaution of Use:** This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

**Storage:** 4 °C, -20 °C

**Storage Comment:** Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

**Expiry Date:** 6 months



### Flow Cytometry

**Image 1.** DCD Antibody (C-term) (ABIN390675 and ABIN2840970) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

### Western Blotting

**Image 2.** Western blot analysis of DCD antibody (C-term) (ABIN390675 and ABIN2840970) in T47D cell line lysates (35  $\mu$ g/lane). DCD (arrow) was detected using the purified Pab.

### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** DCD Antibody (C-term) (R) IHC analysis in formalin fixed and paraffin embedded human skin tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the DCD Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.