

Datasheet for ABIN2191909  
**anti-Dermcidin antibody**[Go to Product page](#)

## 2 Publications

## Overview

Quantity:	200 µg
Target:	Dermcidin (DCD)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Dermcidin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunoassay (IA)

## Product Details

Clone:	G-81
Endotoxin Level:	Low endotoxin level

## Target Details

Target:	Dermcidin (DCD)
Alternative Name:	Dermcidin ( <a href="#">DCD Products</a> )
Background:	<p>The monoclonal antibody G-81 recognizes a fragment of human dermcidin (DCD). The antibiotic peptide dermcidin (110 amino acids) is specifically and constitutively expressed in the sweat glands. DCD is localized to the dark mucous cells of normal eccrine sweat glands. DCD is normally expressed in eccrine sweat glands and is expressed in cutaneous mixed tumours. DCD-immunopositive cells are expressed in the inner cells of the tubular and ductal structures.</p>

## Target Details

The monoclonal antibody G-81 was produced against a sweat-specific antigen. It reacts to sweat but not to other body fluids (e.g. serum, saliva, semen, milk, urine and tears) in ELISA. The N-terminal amino acid sequence (18 amino acids residues) is identical to a part of human cachexia-associated protein and of a survival-promoting peptide for neuronal cells. Besides this, the sequence is identical to the C-terminal peptide (amino acids 62-79) of DCD. The monoclonal antibody G81 can be used as a specific marker for eccrine glands in the human skin. The monoclonal antibody G-81 is useful as a immunohistochemical tool to find the tumour cells that differentiate towards eccrine secretory cells in cutaneous mixed tumours. Furthermore, the antibody can be used for the detection of biochemical and histochemical changes of the sweat gland in the healing process of wound. Aliases AIDD, PIF, DSEP, HCAP, DCD-1 Immunogen Fractioned sweat peptides in complete Freund's adjuvant

## Application Details

**Application Notes:** For immunohistology and Western blotting, dilutions to be used depend on detection system applied. It is recommended that users test the reagent and determine their own optimal dilutions. The typical starting working dilution is 1:50.

**Restrictions:** For Research Use only

## Handling

**Buffer:** 1 mL(> 200 µg/mL) culture medium with a low endotoxin level containing 0.02 % 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

**Storage Comment:** Product should be stored at 4 °C. Under recommended storage conditions, product is stable for one year.

**Expiry Date:** 12 months

## Publications

**Product cited in:** Zwirner, Felber, Burger, Bitter-Suermann, Riethmüller, Feucht: "Classical pathway of complement activation in mammalian kidneys." in: **Immunology**, Vol. 80, Issue 2, pp. 162-7, (1994) ([PubMed](#)).

Feucht, Schneeberger, Hillebrand, Burkhardt, Weiss, Riethmüller, Land, Albert: "Capillary deposition of C4d complement fragment and early renal graft loss." in: **Kidney international**, Vol. 43, Issue 6, pp. 1333-8, (1993) ([PubMed](#)).