

## Product datasheet

# Anti-Desmocollin 2 antibody ab95967

★★★★★ [2 Abreviews](#) [3 References](#) [2 Images](#)

### Overview

<b>Product name</b>	Anti-Desmocollin 2 antibody
<b>Description</b>	Rabbit polyclonal to Desmocollin 2
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Recombinant fragment, corresponding to a region within amino acids 480-676 of Human Desmocollin 2 isoform 2A and 2B (Uniprot ID = Q02487).
<b>Positive control</b>	WB: A431 cells. IHC-P: OVCAR3 xenograft.
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	<p>pH: 7.00</p> <p>Preservative: 0.01% Thimerosal (merthiolate)</p> <p>Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)</p>
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

## The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab95967 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★☆ (1)	1/500 - 1/3000. Predicted molecular weight: 94 kDa.
IHC-P	★★★★★ (1)	1/100 - 1/1000.

## Target

### Function

Component of intercellular desmosome junctions. Involved in the interaction of plaque proteins and intermediate filaments mediating cell-cell adhesion. May contribute to epidermal cell positioning (stratification) by mediating differential adhesiveness between cells that express different isoforms.

### Tissue specificity

Expressed in epithelia, myocardium and lymph nodes.

### Involvement in disease

Defects in DSC2 are the cause of familial arrhythmogenic right ventricular dysplasia type 11 (ARVD11) [MIM:610476]; also known as arrhythmogenic right ventricular cardiomyopathy 11 (ARVC11). ARVD is an autosomal dominant disease characterized by partial degeneration of the myocardium of the right ventricle, electrical instability, and sudden death. It is clinically defined by electrocardiographic and angiographic criteria; pathologic findings, replacement of ventricular myocardium with fatty and fibrous elements, preferentially involve the right ventricular free wall.

### Sequence similarities

Contains 5 cadherin domains.

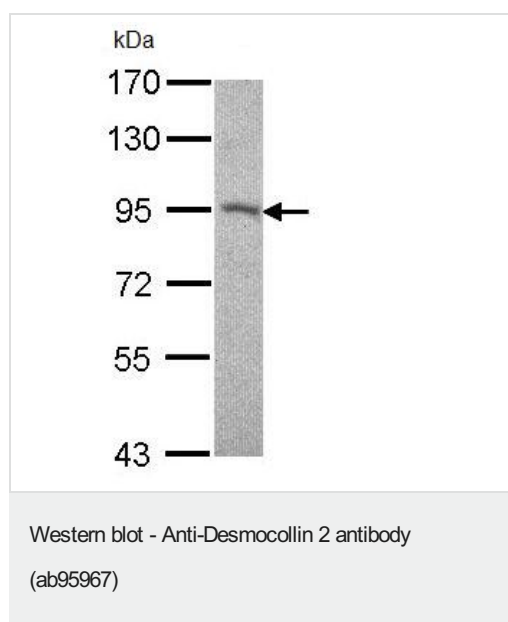
### Domain

Calcium may be bound by the cadherin-like repeats.

### Cellular localization

Cell membrane. Cell junction > desmosome.

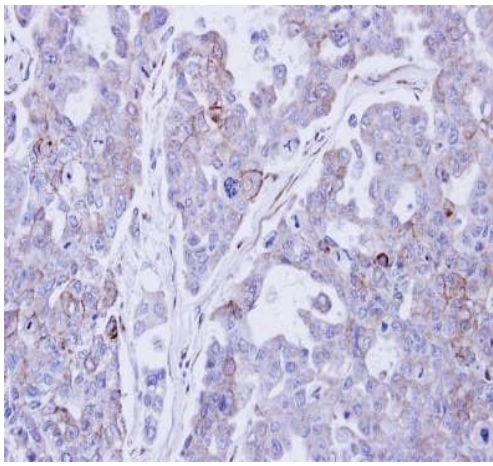
## Images



Anti-Desmocollin 2 antibody (ab95967) at 1/500 dilution + A431 whole cell lysate at 30 µg

**Predicted band size:** 94 kDa

7.5% SDS PAGE



Paraffin embedded OVCAR3 xenograft tissue stained for Desmocollin 2 using ab95967 at 1/500 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Desmocollin 2 antibody (ab95967)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

#### Our Abpromise to you: Quality guaranteed and expert technical support

---

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

#### Terms and conditions

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors