




## Product datasheet

# Anti-Desmoglein 3/PVA antibody [6G2C11] ab201968

6 Images

### Overview

<b>Product name</b>	Anti-Desmoglein 3/PVA antibody [6G2C11]
<b>Description</b>	Mouse monoclonal [6G2C11] to Desmoglein 3/PVA
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> Flow Cyt, IHC-P, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Dog 
<b>Immunogen</b>	Recombinant fragment corresponding to Human Desmoglein 3/PVA aa 50-200. Recombinant fragment expressed in E coli Database link: <a href="#">P32926</a>  <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a>
<b>Positive control</b>	Human esophageal and esophageal cancer tissues; A431 cells; A431 cell lysate; Human Desmoglein 3/PVA recombinant (aa55-159) protein; Human Desmoglein 3/PVA recombinant (aa55-159)-hlgGFc transfected HEK293 cell lysate.
<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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	Preservative: 0.05% Sodium azide Constituent: 99% PBS
<b>Purity</b>	Protein G purified
<b>Purification notes</b>	Purified from tissue culture supernatant.
<b>Clonality</b>	Monoclonal

Clone number 6G2C11

Isotype IgG1

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab201968 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
Flow Cyt		1/200 - 1/400. <b>ab170190</b> - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
IHC-P		1/200 - 1/1000.
WB		1/500 - 1/2000. Predicted molecular weight: 108 kDa.

## Target

**Function** Component of intercellular desmosome junctions. Involved in the interaction of plaque proteins and intermediate filaments mediating cell-cell adhesion.

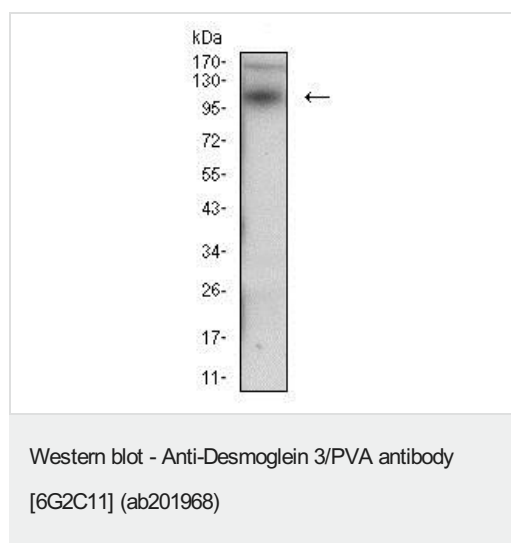
**Tissue specificity** Epidermis, tongue, tonsil, esophagus and carcinomas.

**Sequence similarities** Contains 4 cadherin domains.

**Domain** Three calcium ions are usually bound at the interface of each cadherin domain and rigidify the connections, imparting a strong curvature to the full-length ectodomain.

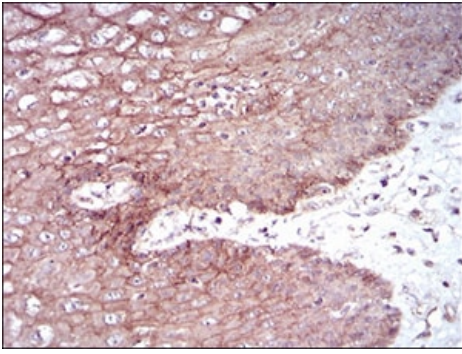
**Cellular localization** Cell membrane. Cell junction > desmosome.

## Images



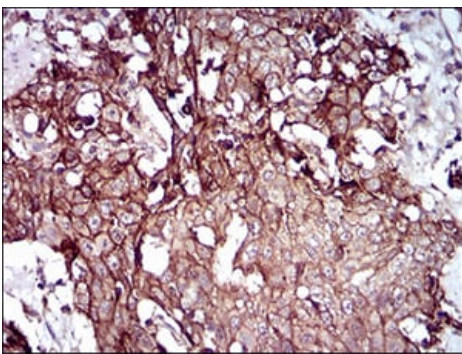
Anti-Desmoglein 3/PVA antibody [6G2C11] (ab201968) at 1/500 dilution + A431 cell lysate

**Predicted band size:** 108 kDa



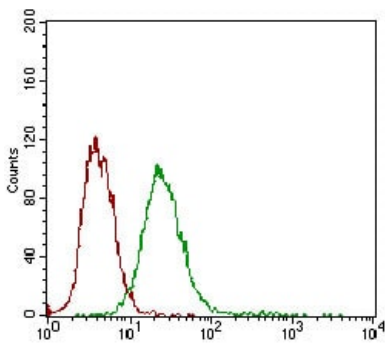
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Desmoglein 3/PVA antibody [6G2C11] (ab201968)

Immunohistochemical analysis of Paraffin-embedded Human esophageal tissue labeling Desmoglein 3/PVA with ab201968 at 1/200 dilution followed by DAB staining.



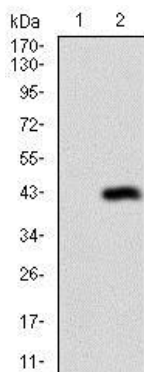
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Desmoglein 3/PVA antibody [6G2C11] (ab201968)

Immunohistochemical analysis of Paraffin-embedded Human esophageal cancer tissue labeling Desmoglein 3/PVA with ab201968 at 1/200 dilution followed by DAB staining.



Flow Cytometry - Anti-Desmoglein 3/PVA antibody [6G2C11] (ab201968)

Flow cytometric analysis of A431 cells labeling Desmoglein 3/PVA with ab201968 at 1/200 dilution (green). Negative control (red).



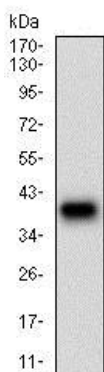
Western blot - Anti-Desmoglein 3/PVA antibody  
[6G2C11] (ab201968)

**All lanes :** Anti-Desmoglein 3/PVA antibody [6G2C11] (ab201968)  
at 1/500 dilution

**Lane 1 :** HEK293 cell lysate

**Lane 2 :** Human Desmoglein 3/PVA recombinant (aa55-159)-  
hlgFc transfected HEK293 cell lysate

**Predicted band size:** 108 kDa



Western blot - Anti-Desmoglein 3/PVA antibody  
[6G2C11] (ab201968)

Anti-Desmoglein 3/PVA antibody [6G2C11] (ab201968) at 1/500  
dilution + Human Desmoglein 3/PVA recombinant (aa55-159)  
protein

**Predicted band size:** 108 kDa

(Expected MW is 37.5 kDa)

**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