



Product datasheet

Anti-Desmocollin 3 antibody - C-terminal ab190118

[1 References](#) [2 Images](#)

Overview

Product name	Anti-Desmocollin 3 antibody - C-terminal
Description	Rabbit polyclonal to Desmocollin 3 - C-terminal
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Mouse, Human
Immunogen	<p>Synthetic peptide corresponding to Human Desmocollin 3 (C terminal) conjugated to Keyhole Limpet Haemocyanin (KLH). (NP_001932)</p> <p>Sequence:</p> <p>WHSFTQPRLGKELHRCNQNE DRMPSQDYVL</p> <p>Database link: Q14574</p> <p style="text-align: right;">  Run BLAST with  Run BLAST with </p>
Positive control	Human placenta tissue; mouse spleen tissue lysate
General notes	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>Please check that this product meets your needs before purchasing. 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, as well as customer reviews and Q&As.</p>

Properties

Form	Liquid
Storage instructions	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.
Storage buffer	Preservative: 0.09% Sodium azide Constituent: 99% PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab190118** in the following tested applications.

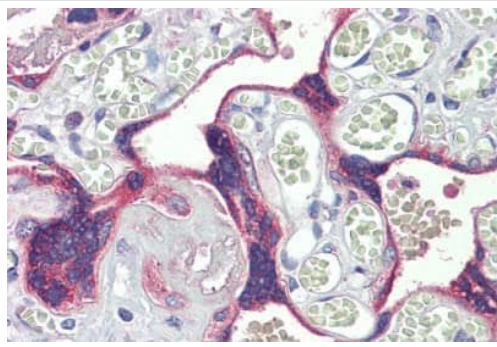
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/1000. Predicted molecular weight: 100 kDa.
IHC-P		1/100.

Target

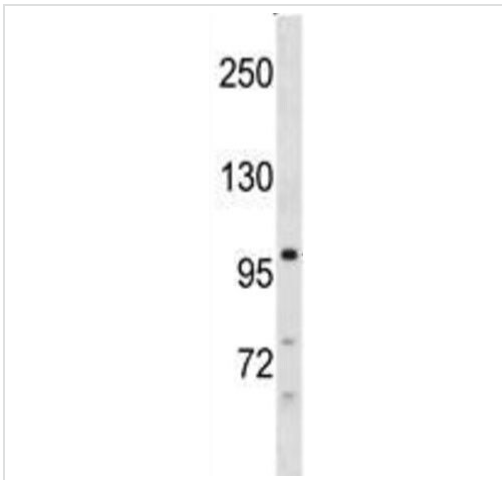
Function	Component of intercellular desmosome junctions. Involved in the interaction of plaque proteins and intermediate filaments mediating cell-cell adhesion. May contribute to epidermal cell positioning (stratification) by mediating differential adhesiveness between cells that express different isoforms.
Tissue specificity	Epidermis, buccal mucosa, esophagus and cervix.
Involvement in disease	Defects in DSC3 are the cause of hypotrichosis and recurrent skin vesicles (HRSV) [MIM:613102]. A disorder characterized by hypotrichosis and the appearance of recurrent skin vesicle formation. Affected individuals show sparse and fragile hair on scalp, as well as absent eyebrows and eyelashes. Vesicles filled with thin, watery fluid are observed on the scalp and skin of most of the body. Mucosal vesicles are absent.
Sequence similarities	Contains 5 cadherin domains.
Domain	Calcium may be bound by the cadherin-like repeats.
Cellular localization	Cell membrane. Cell junction > desmosome.

Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Desmocollin 3 antibody - C-terminal (ab190118)

Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human placenta tissue, labeling Desmocollin 3 with ab190118 at 1/100 dilution.



Western blot - Anti-Desmocollin 3 antibody - C-terminal (ab190118)

Anti-Desmocollin 3 antibody - C-terminal (ab190118) at 1/1000 dilution + mouse spleen tissue lysate at 35 µg

Predicted band size: 100 kDa

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

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