

Anti-Desmoglein 1/DSG1 antibody [27B2] ab12077

★★★★★ [2 Abreviews](#) [5 References](#) [2 图像](#)

概述

产品名称	Anti-Desmoglein 1/DSG1抗体[27B2]
描述	小鼠单克隆抗体[27B2] to Desmoglein 1/DSG1
宿主	Mouse
经测试应用	适用于: IHC-Fr
种属反应性	与反应: Human
免疫原	Recombinant full length protein. This information is proprietary to Abcam and/or its suppliers.
阳性对照	IHC-Fr: Human normal skin.
常规说明	<p>This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact orders@abcam.com.</p> <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&As</p>

性能

形式	Liquid
存放说明	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.
存储溶液	Preservative: 0.02% Sodium azide Constituent: PBS
纯度	Protein G purified
克隆	单克隆
克隆编号	27B2
同种型	IgG1
轻链类型	kappa

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab12077于以下的经测试应用

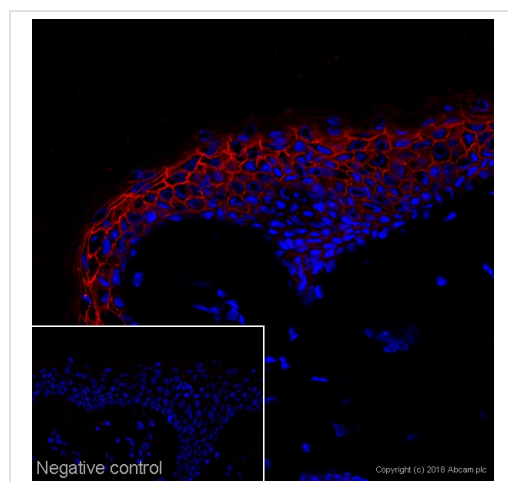
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-Fr	★★★★★ (1)	Use a concentration of 1 µg/ml.

靶标

功能	Component of intercellular desmosome junctions. Involved in the interaction of plaque proteins and intermediate filaments mediating cell-cell adhesion.
组织特异性	Epidermis, tongue, tonsil and esophagus.
疾病相关	Defects in DSG1 are the cause of palmoplantar keratoderma striate type 1 (SPPK1) [MIM:148700]; also known as keratosis palmoplantaris striata I. SPPK1 is a dermatological disorder characterized by thickening of the skin on the palms and soles, and longitudinal hyperkeratotic lesions on the palms, running the length of each finger.
序列相似性	Contains 4 cadherin domains.
结构域	Calcium may be bound by the cadherin-like repeats.
细胞定位	Cell membrane. Cell junction > desmosome.

图片



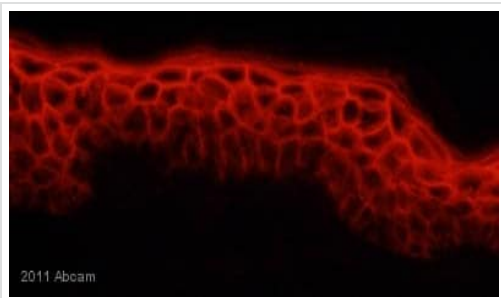
Immunohistochemistry (Frozen sections) - Anti-Desmoglein 1/DSG1 antibody [27B2] (ab12077)

IHC image of ab12077 staining in 100% methanol fixed frozen tissue section of human skin.

Non-specific protein-protein interactions were blocked using TBS containing 0.025% (v/v) Triton X-100, 0.3M (w/v) glycine and 3% (w/v) BSA for 1 hour at room temperature. The section was then incubated with ab12077 (1 µg/ml dilution) in TBS containing 0.025% (v/v) Triton X-100 and 3% (w/v) BSA overnight at +4°C. The section was then incubated with **ab150119** (Goat polyclonal Secondary Antibody to Mouse IgG - H&L (Alexa Fluor® 647)) and DAPI for 1 hour at room temperature.

The DAPI only control (no antibody) inset shows no autofluorescence, demonstrating that any Alexa Fluor® 647 signal is derived directly from bound ab12077.

For other IHC staining systems (automated and non-automated), customers should optimize variable parameters such as antibody concentrations and incubation times.



Immunohistochemistry (Frozen sections) - Anti-Desmoglein 1/DSG1 antibody [27B2] (ab12077)

This image is courtesy of an anonymous Abreview.

ab12077 staining Desmoglein 1/DSG1 in human skin tissue by Immunohistochemistry (Frozen sections). Tissue was fixed in methanol, permeabilized using 0.4% Triton X-100, blocked with 10% serum for 30 minutes at 25°C, then incubated with ab12077 at 5µg/ml for 16 hours at 4°C. The secondary used was an Alexa-Fluor 594 conjugated goat anti-mouse polyclonal (highly adsorbed), used at a 1/1000 dilution.

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

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