

Anti-Desmoglein 1/DSG1 antibody [32-2B] ab108490

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概述

产品名称	Anti-Desmoglein 1/DSG1抗体[32-2B]
描述	小鼠单克隆抗体[32-2B] to Desmoglein 1/DSG1
宿主	Mouse
特异性	This antibody was tested for its ability to stain epithelia and tumours. 32-2B is a reliable epithelial marker that may have a useful role in diagnostic histopathology.
经测试应用	适用于: IHC-P
种属反应性	与反应: Human
免疫原	Full length protein corresponding to Desmoglein 1/DSG1.
阳性对照	This antibody gave a positive result in IHC in the following FFPE tissue: Human skin melanoma.
常规说明	<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. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservative: 0.02% Sodium azide Constituent: 99.98% PBS
纯度	Protein A/G purified
克隆	单克隆
克隆编号	32-2B
骨髓瘤	NS1
同种型	IgG2a

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用 ab108490 于以下的经测试应用

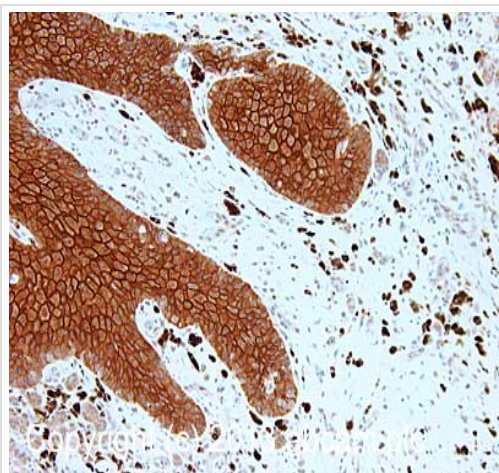
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab 评论	说明
IHC-P		Use at an assay dependent concentration.

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 (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Desmoglein 1/DSG1 antibody [32-2B] (ab108490)

IHC image of Desmoglein 1/DSG1 staining in Human skin melanoma formalin fixed paraffin embedded tissue section, performed on a Leica Bond™ system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab108490, 5µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

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