

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

[1 Abreviews](#) [2 References](#) [画像数 1](#)

製品の概要

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|--------------|---|
| 製品名 | Anti-Desmoglein 1/DSG1 antibody [32-2B] |
| 製品の詳細 | Mouse monoclonal [32-2B] to Desmoglein 1/DSG1 |
| 由来種 | Mouse |
| 特異性 | 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. |
| アプリケーション | 適用あり: IHC-P |
| 種交差性 | 交差種: Human |
| 免疫原 | Full length protein corresponding to Desmoglein 1/DSG1. |
| ポジティブ・コントロール | This antibody gave a positive result in IHC in the following FFPE tissue: Human skin melanoma. |
| 特記事項 | <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> |

製品の特性

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|--------|---|
| 製品の状態 | Liquid |
| 保存方法 | Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. |
| バッファー | Preservative: 0.02% Sodium azide Constituent: 99.98% PBS |
| 精製度 | Protein A/G purified |
| ポリ/モノ | モノクローナル |
| クローン名 | 32-2B |
| ミエローマ | NS1 |
| アイソタイプ | IgG2a |

アプリケーション

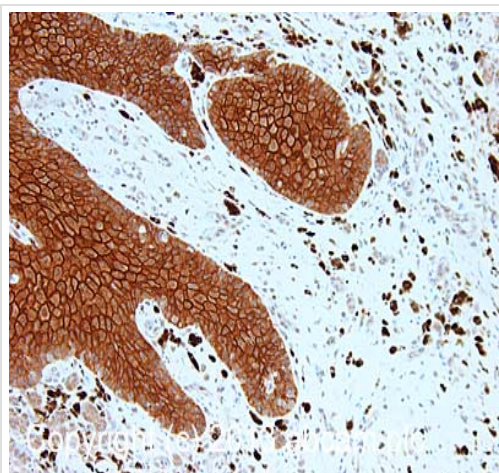
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アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

| アプリケーション | Abreviews | 特記事項 |
|----------|-----------|--|
| IHC-P | | Use at an assay dependent concentration. |

ターゲット情報

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| 機能 | Component of intercellular desmosome junctions. Involved in the interaction of plaque proteins and intermediate filaments mediating cell-cell adhesion. |
| 組織特異性 | Epidermis, tongue, tonsil and esophagus. |
| 関連疾患 | 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. |
| 配列類似性 | Contains 4 cadherin domains. |
| ドメイン | Calcium may be bound by the cadherin-like repeats. |
| 細胞内局在 | Cell membrane. Cell junction > desmosome. |

画像



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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