

Anti-Desmoglein 2/DSG2 antibody ab96761

画像数 5

製品の概要

製品名	Anti-Desmoglein 2/DSG2 antibody
製品の詳細	Rabbit polyclonal to Desmoglein 2/DSG2
由来種	Rabbit
アプリケーション	適用あり: ICC/IF, WB, IHC-P
種交差性	交差種: Mouse, Human
免疫原	Recombinant fragment corresponding to Human Desmoglein 2/DSG2 aa 1-176. Database link: NP_001934
ポジティブ・コントロール	WB: 293T, H1299 and MOLT4 whole cell lysates; HepG2 cell lysate; HeLa cell lysate. IHC-P: DU145 xenograft ICC/IF: A431 cells.
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

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	pH: 7.00 Preservative: 0.025% Proclin 300 Constituents: 78% PBS, 1% BSA, 20% Glycerol (glycerin, glycerine)
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee

Abpromise保証は、次のテスト済みアプリケーションにおけるab96761の使用に適用されます

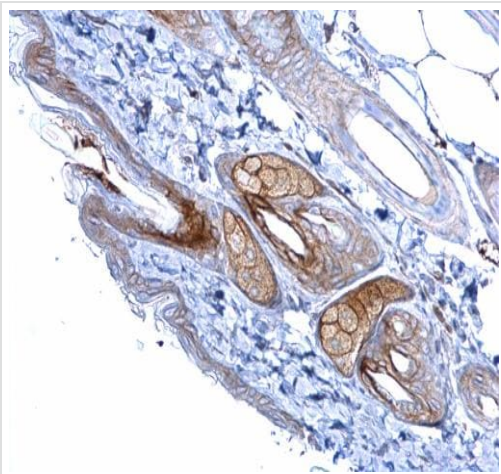
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ICC/IF		1/100 - 1/1000.
WB		1/500 - 1/3000. Predicted molecular weight: 122 kDa. Blocking in 5% non-fat milk in TBST for 60 minutes at room temperature.
IHC-P		1/100 - 1/500.

ターゲット情報

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	All of the tissues tested and carcinomas.
関連疾患	Defects in DSG2 are the cause of familial arrhythmogenic right ventricular dysplasia type 10 (ARVD10) [MIM:610193]; also known as arrhythmogenic right ventricular cardiomyopathy 10 (ARVC10). ARVD is an autosomal dominant disease characterized by partial degeneration of the myocardium of the right ventricle, electrical instability, and sudden death. It is clinically defined by electrocardiographic and angiographic criteria; pathologic findings, replacement of ventricular myocardium with fatty and fibrous elements, preferentially involve the right ventricular free wall. Genetic variations in DSG2 are the cause of susceptibility to cardiomyopathy dilated type 1BB (CMD1BB) [MIM:612877]. A disorder characterized by ventricular dilation and impaired systolic function, resulting in congestive heart failure and arrhythmia. Patients are at risk of premature death.
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 2/DSG2 antibody (ab96761)

Paraffin-embedded mouse skin labeling Desmoglein 2/DSG2 using ab96761 at 1/500 dilution in immunohistochemical analysis.

Antigen retrieval: EDTA-based (pH 8.0) 15 minutes.



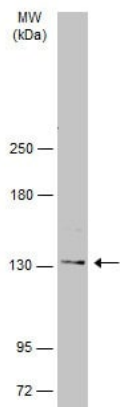
Costained with Hoechst 33342



Immunocytochemistry/ Immunofluorescence - Anti-Desmoglein 2/DSG2 antibody (ab96761)

Paraformaldehyde-fixed A431 (human epidermoid carcinoma cell line) cells labeling Desmoglein 2/DSG2 using ab96761 at 1/500 dilution (green) in ICC/IF.

The nuclear counter stain is Hoechst 33342 (blue).



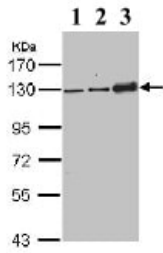
Western blot - Anti-Desmoglein 2/DSG2 antibody (ab96761)

Anti-Desmoglein 2/DSG2 antibody (ab96761) at 1/1000 dilution + HeLa (human epithelial cell line from cervix adenocarcinoma) cell lysate at 30 μ g

Secondary

Anti-Rabbit IgG HRP

Predicted band size: 122 kDa



Western blot - Anti-Desmoglein 2/DSG2 antibody (ab96761)

All lanes : Anti-Desmoglein 2/DSG2 antibody (ab96761) at 1/1000 dilution

Lane 1 : 293T whole cell lysate

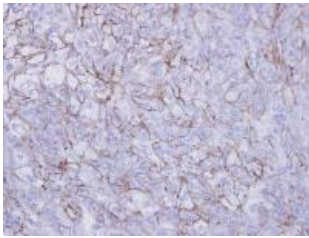
Lane 2 : H1299 whole cell lysate

Lane 3 : MOLT4 whole cell lysate

Lysates/proteins at 30 µg per lane.

Predicted band size: 122 kDa

7.5% SDS Page



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Desmoglein 2/DSG2 antibody (ab96761)

Immunohistochemical analysis of Desmoglein 2/DSG2 in paraffin embedded DU145 (Human) xenograft, using ab96761 at a 1/100 dilution.

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