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Datasheet for ABIN6939269
anti-Desmoglein 3 antibody

2 Images

Overview

Quantity:	100 µg
Target:	Desmoglein 3 (DSG3)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Desmoglein 3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS), Immunohistochemistry (IHC), Staining Methods (StM)

Product Details

Immunogen:	Recombinant human DSG3 extracellular protein fragment
Clone:	5G11
Isotype:	IgG1 kappa
Specificity:	Recognizes a protein of 130 kDa, identified as Desmoglein-3 (DSG3). This MAb is highly specific to Desmoglein-3 and does not cross-react with other members of the Desmoglein-family. DSG3 is a calcium-binding transmembrane glycoprotein component of desmosomes in vertebrate epithelial cells. Desmosomes are cell-cell junctions between epithelial, myocardial, and certain other cell types. Currently, three desmoglein subfamily members are identified and all are members of the cadherin cell adhesion molecule superfamily.
Purification:	Purified by Protein A/G

Target Details

Target: Desmoglein 3 (DSG3)

Alternative Name: DSG3 ([DSG3 Products](#))

Molecular Weight: 130kDa

Gene ID: 1830

UniProt: [P32926](#)

Application Details

Application Notes: Positive Control: A431 cells. Lung squamous cell carcinoma.
Known Application: Flow Cytometry (0.5-1 µg/million cells), Immunofluorescence (1-2 µg/mL), Western Blot (0.5-1.0 µg/mL), Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

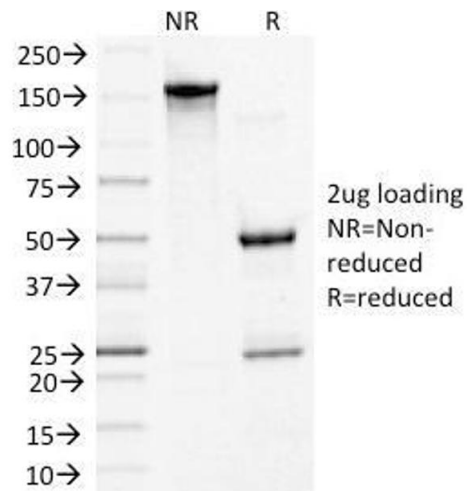
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -80 °C

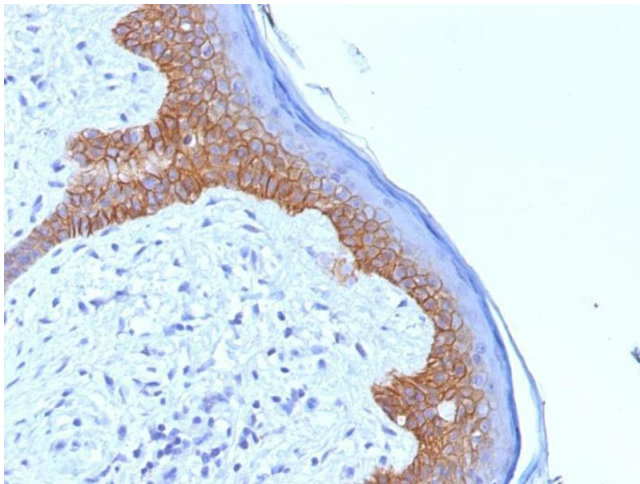
Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Expiry Date: 24 months



SDS-PAGE

Image 1. SDS-PAGE Analysis Purified Desmoglein-3 Monoclonal Antibody (5G11). Confirmation of Integrity and Purity of Antibody



Immunohistochemistry

Image 2. Formalin-fixed, paraffin-embedded human Skin stained with Desmoglein-3 Monoclonal Antibody (5G11).