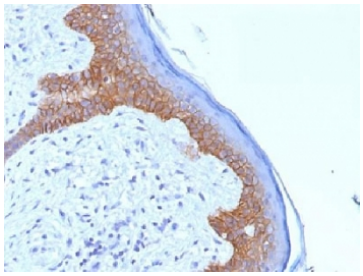
Desmoglein 3 Antibody / DSG3 [clone 5G11] (V3246)

Catalog No.	Formulation	Size
V3246-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3246-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3246SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

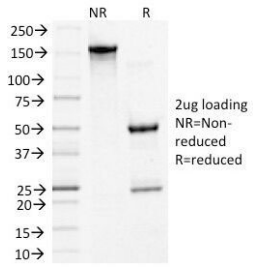
Citations (22)

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	5G11
Purity	Protein G affinity chromatography
UniProt	P32926
Localization	Cell surface
Applications	Flow Cytometry : 1-2ug/10^6 cells Immunofluorescence : 1-2ug/ml Western Blot : 1-2ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
Limitations	This Desmoglein 3 antibody is available for research use only.



IHC testing of FFPE human skin with Desmoglein 3 antibody (clone 5G11). Required HIER: boil tissue sections in 10mM citrate buffer, pH 6, for 10-20 min.



SDS-PAGE Analysis of Purified, BSA-Free Desmoglein 3 Antibody (clone 5G11). Confirmation of Integrity and Purity of the Antibody.

Description

Recognizes a protein of 130kDa, 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.

Application Notes

Optimal dilution of the Desmoglein 3 antibody should be determined by the researcher.

Immunogen

A recombinant human protein corresponding to the extracellular portion of DSG3 was used as the immunogen for the Desmoglein 3 antibody.

Storage

Store the Desmoglein 3 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com