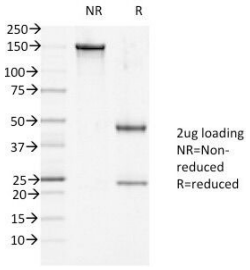
DSG1 Antibody / Desmoglein 1 [clone 27B2] (V3265)

Catalog No.	Formulation	Size
V3265-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3265-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3265SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Citations (19)

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	27B2
Purity	Protein G affinity chromatography
UniProt	Q02413
Localization	Cell surface, cytoplasmic
Applications	Flow Cytometry : 0.5-1ug/10^6 cells Immunofluorescence : 1-2ug/ml Western Blot : 0.5-1ug/ml
Limitations	This DSG1 antibody is available for research use only.



SDS-PAGE Analysis of Purified, BSA-Free DSG1 Antibody (clone 27B2). Confirmation of Integrity and Purity of the Antibody.

Description

Desmoglein 1 (DSG1) is a member of the desmosomal cadherin family. Desmosomes are intercellular adhering junctions that represent cell surface attachment sites for intermediate filament. Desmocollins and desmogleins are the main desmosomal transmembrane proteins. Desmogleins consist of Dsg1, Dsg2, Dsg3, and Dsg4 isoforms. Within the desmosome, the extracellular domain of desmoglein is essential for calcium dependent heterophilic binding to the desmocollins, whereas the intracellular domain is essential for binding to the desmosomal plaque protein, plakoglobin. Desmoglein 1 is synthesized exclusively in the suprabasal layers. Intact and functionally active desmoglein 1 is essential to epidermal integrity.

Application Notes

Optimal dilution of the DSG1 antibody should be determined by the researcher.

Immunogen

A recombinant protein corresponding to the intracellular domain of human Desmoglein 1 was used as the immunogen for the DSG1 antibody.

Storage

Store the DSG1 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