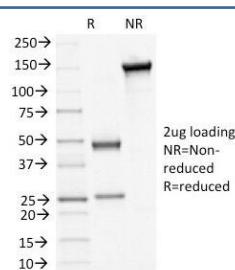


Desmoglein 3 Antibody / DSG3 [clone 5H10] (V3257)

Catalog No.	Formulation	Size
V3257-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3257-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3257SAF-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
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	5H10
Purity	Protein G affinity chromatography
UniProt	P32926
Localization	Cell surface
Applications	Flow Cytometry : 0.5-1ug/10 ⁶ cells Immunofluorescence : 1-2ug/ml Western Blot : 0.5-1ug/ml
Limitations	This Desmoglein 3 antibody is available for research use only.



SDS-PAGE Analysis of Purified, BSA-Free Desmoglein 3 Antibody (clone 5H10). 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 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).