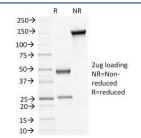


# Desmoglein 3 Antibody / DSG3 [clone 5H10] (V3257)

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

## **Bulk quote request**

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
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.

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).