

Desmoglein 3 Antibody / DSG3 [clone DSG3/8613R] (V4574)

Catalog No.	Formulation	Size
V4574-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4574-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4574SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

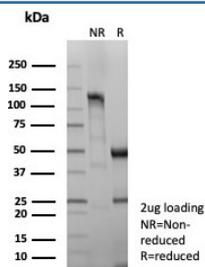
Recombinant **RABBIT MONOCLONAL**

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Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	DSG3/8613R
Purity	Protein A/G affinity
UniProt	P32926
Localization	Cell surface
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
Limitations	This Desmoglein 3 antibody is available for research use only.



IHC staining of FFPE human skin tissue with Desmoglein 3 antibody (clone DSG3/8613R). Inset: PBS used in place of primary Ab (secondary Ab negative control).
HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free Desmoglein 3 antibody (clone DSG3/8613R) as confirmation of integrity and purity.

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.

Explore our [Desmoglein 3 Antibody - Human Protein Microarray Validated Clone DSG3/2838](#) page for a broader view of DSG3 expression in stratified epithelia with supporting microarray specificity validation data.

Application Notes

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

Immunogen

A recombinant partial protein sequence (within amino acids 300-500) from the human protein was used as the immunogen for the Desmoglein 3 antibody.

Storage

Aliquot the Desmoglein 3 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.