

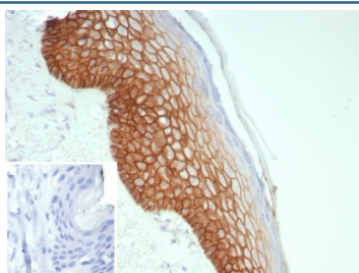
## DSG3 Antibody / Desmoglein 3 [clone rDSG3/8612] (V4570)

Catalog No.	Formulation	Size
V4570-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4570-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4570SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

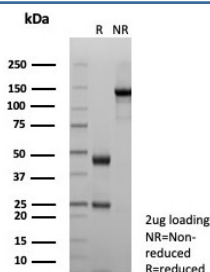
Recombinant **MOUSE MONOCLONAL**

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Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Recombinant Mouse Monoclonal
Isotype	Mouse IgG1, kappa
Clone Name	rDSG3/8612
Purity	Protein A/G affinity
UniProt	P32926
Localization	Cell surface
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
Limitations	This DSG3 antibody is available for research use only.



IHC staining of FFPE human skin tissue with DSG3 antibody (clone rDSG3/8612). 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 DSG3 antibody (clone rDSG3/8612) 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.

## Application Notes

Optimal dilution of the DSG3 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 DSG3 antibody.

## Storage

Aliquot the DSG3 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.