

# DSG3/Desmoglein-3 Rabbit pAb

Catalog No.: A25099

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

108kDa

### Category

Primary antibody

### Applications

ELISA, IHC-P

### Cross-Reactivity

Human

## Background

This gene encodes a member of the desmoglein family and cadherin cell adhesion molecule superfamily of proteins. Desmogleins are calcium-binding transmembrane glycoprotein components of desmosomes, cell-cell junctions between epithelial, myocardial, and other cell types. The encoded preproprotein is proteolytically processed to generate the mature glycoprotein. This gene is present in a gene cluster with other desmoglein gene family members on chromosome 18. The encoded protein has been identified as the autoantigen of the autoimmune blistering disease pemphigus vulgaris.

## Recommended Dilutions

IHC-P 1:50 - 1:200

## Immunogen Information

### Gene ID

1830

### Swiss Prot

P32926

### Immunogen

Recombinant Protein corresponding to a sequence within amino acids 50-615 of human DSG3/Desmoglein-3(NP\_001935.2).

### Synonyms

PVA; ABOLM; CDHF6; Desmoglein 3

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

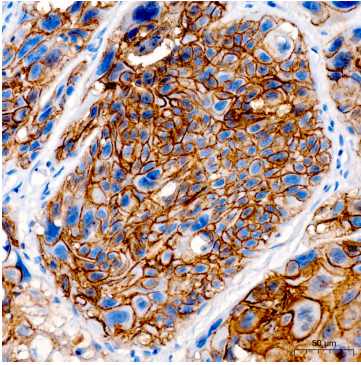
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

## Validation Data

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Immunohistochemistry analysis of DSG3/Desmoglein-3 in paraffin-embedded human lung squamous carcinoma tissue using DSG3/Desmoglein-3 Rabbit pAb (A25099) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.