

## DATASHEET

# Desmoglein-3 Mouse Monoclonal Antibody (ARM982)

CAT. NO. ARM6772

### KEY FEATURES

|               |              |            |             |
|---------------|--------------|------------|-------------|
| Target        | Desmoglein-3 | Clone ID   | ARM982      |
| Source / Host | Mouse        | Reactivity | Human       |
| Applications  | IHC          | Dilution   | 1:100-1:200 |
| Clonality     | Monoclonal   | Storage    | -20°C       |

### BACKGROUND

Desmoglein-3 Antibody (DSG3) is a component of desmosomes in vertebrate epithelial cells. It identifies pulmonary squamous cell carcinomas from other types of lung cancer with high specificity and sensitivity. Studies show the upregulation of DSG3 correlated with metastasis in a number of cancers including lung cancers. The expression of DSG3 indicates a poor prognosis and portends a more aggressive clinical outcome.

### APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

|                |             |
|----------------|-------------|
| Application    | IHC         |
| Dilution Ratio | 1:100-1:200 |

\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

### PRODUCT OVERVIEW

|                   |   |
|-------------------|---|
| Antibody Type     | Primary antibodies  |
| Isotype           | IgG1  |
| Positive Control  | Lung squamous cell carcinoma, skin squamous cell carcinoma    |
| Localization      | Membranous  |
| Form / Buffer     | Tris Buffer, pH 7.3 - 7.7, with 1% BSA and <0.1% Sodium Azide |
| Purification      | Purified  |
| Conjugation       | Unconjugated  |
| Gene Symbol       | DSG3  |
| Entrez Gene ID    | 1830  |
| Uniprot           | P32926  |
| Alternative Names | Cadherin family member 6, DSG3                                |

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

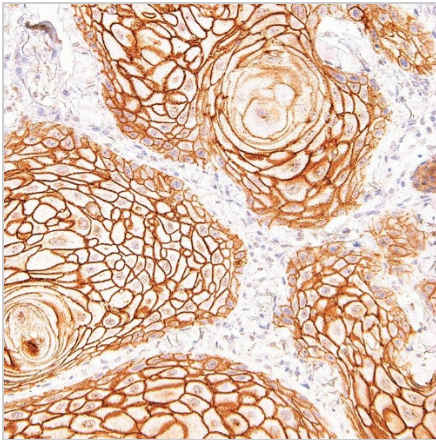
\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**DATA**

Immunohistochemical staining of human lung SCC tissue using Desmoglein-3 Mouse Monoclonal Antibody (ARM982).

**RESEARCH USE ONLY**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: [www.arexbio.com / desmoglein-3-mouse-monoclonal-antibody-arm982-arm6772](http://www.arexbio.com/desmoglein-3-mouse-monoclonal-antibody-arm982-arm6772)