

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

## 36-2183: Anti-Desmoglein-3 (Squamous Cell Marker) Monoclonal Antibody(Clone: 5H10)

Clone Name: Monoclonal 5H10

Application: FACS,IF,WB
Reactivity: Human
Gene: DSG3
Gene ID: 1830
Uniprot ID: P32926

Alternative Name: 130kDa pemphigus vulgaris antigen (PVA); Balding (Bal); Cadherin family member 6 (CDHF6);

Desmoglein-3 (DSG3)

**Isotype:** Mouse IgG1, kappa

Immunogen Information: Recombinant human DSG3 extracellular protein fragment

## **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.

## **Product Info**

**Amount:** 20 μg / 100 μg

Content: 200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS

with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

**Storage condition :** Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody

is stable for 24 months. Non-hazardous.

## **Application Note**

Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml); Western Blot (1-2ug/ml);

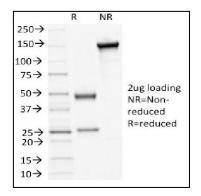


Fig. 1: SDS-PAGE Analysis Purified Desmoglein-3 Monoclonal Antibody (5H10). Confirmation of Integrity and Purity of Antibody.