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36-2182: Anti-Desmoglein-3 (Squamous Cell Marker) Monoclonal Antibody(Clone: 5G11)

Clonality: Monoclonal

Clone Name: 5G11

Application: FACS,IF,WB,IHC

 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); Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes);

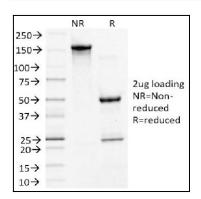


Fig. 1: SDS-PAGE Analysis Purified Desmoglein-3 Monoclonal Antibody (5G11). Confirmation of Integrity and Purity of Antibody



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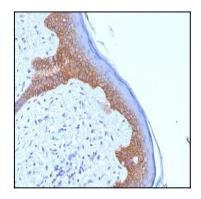


Fig. 2: Formalin-fixed, paraffin-embedded human Skin stained with Desmoglein-3 Monoclonal Antibody (5G11).