

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);

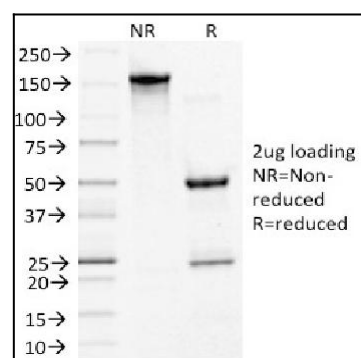


Fig. 1: SDS-PAGE Analysis Purified Desmoglein-3 Monoclonal Antibody (5G11). Confirmation of Integrity and Purity of Antibody

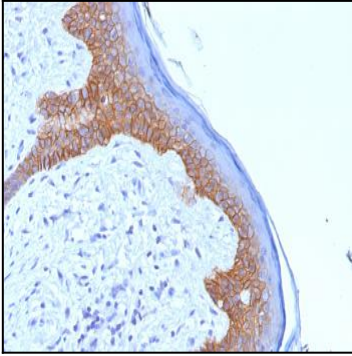


Fig. 2: Formalin-fixed, paraffin-embedded human Skin stained with Desmoglein-3 Monoclonal Antibody (5G11).