
Desmoglein-3 (Clone ZM128)

Mouse Monoclonal Antibody

Specificity: Human. Others-not tested

Immunogen: Recombinant human DSG3 extracellular protein fragment

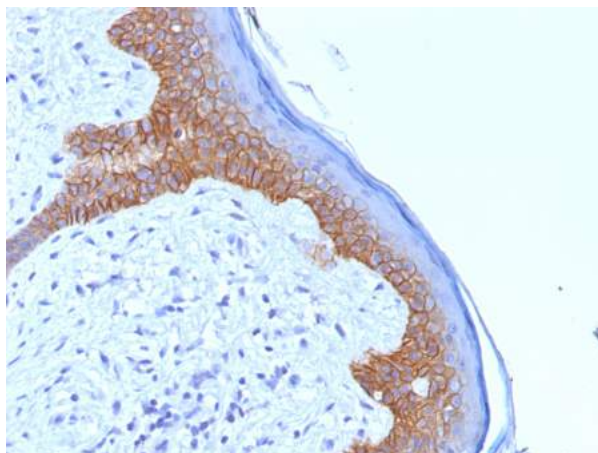
Ig Class: IgG1/ κ

Storage: Store vial at 4°C. When stored at 2-8°C, this antibody is stable for 24 months

Staining procedures: Use formalin-fixed and paraffin-embedded sections. *Retrieval conditions:* Pretreatment of deparaffinized tissue with heat-induced epitope retrieval is recommended. *Detection methods:* Polymer anti-mouse/rabbit Ig detection system. *Working dilution:* 1:100-200; *Positive Control:* Squamous cell carcinoma. *Cellular Localization:* membrane. *Intended Use:* In vitro diagnosis (IVD).

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.

Supplied As: Purified antibody in 0.2% BSA and 15mM sodium azide.



Formalin-fixed, paraffin-embedded human skin stained with anti-desmoglein-3 monoclonal antibody using peroxidase-conjugate and DAB chromogen. Note membranous staining of tumor cells

Cat. #Z2438 (1.0 ml)

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