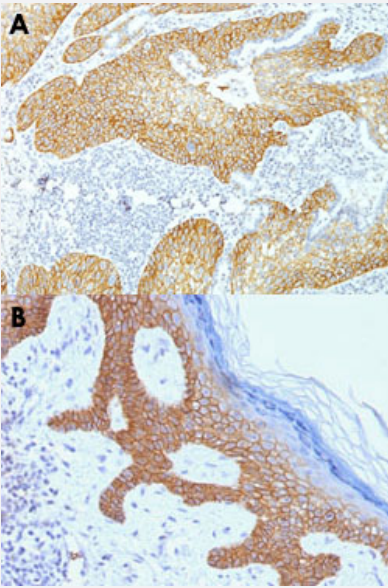


DSG3 monoclonal antibody, clone DSG3/1535

Catalog # MAB14762 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human lung squamous cell carcinoma (A) and human skin (B) with DSG3 monoclonal antibody, clone DSG3/1535 (Cat # MAB14762).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human DSG3.
Immunogen	Recombinant protein corresponding to extracellular domain of human DSG3.
Host	Mouse
Theoretical MW (kDa)	130
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1, kappa

Recommend Usage

Flow Cytometry (0.5-1 ug/10⁶ cells)
Immunofluorescence (1-2 ug/mL)
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL)
Western Blotting (0.5-1 ug/mL)
The optimal working dilution should be determined by the end user.

Storage Buffer

In 10 mM PBS.

Storage Instruction

Store at -20 to -80°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human lung squamous cell carcinoma (A) and human skin (B) with DSG3 monoclonal antibody, clone DSG3/1535 (Cat # MAB14762).
- Immunofluorescence
- Flow Cytometry

Gene Info — DSG3

Entrez GeneID [1830](#)

Protein Accession# [P32926](#)

Gene Name DSG3

Gene Alias CDHF6, DKFZp686P23184, PVA

Gene Description desmoglein 3 (pemphigus vulgaris antigen)

Omim ID [169615](#)

Gene Ontology [Hyperlink](#)

Gene Summary

Desmosomes are cell-cell junctions between epithelial, myocardial, and certain other cell types. Desmoglein 3 is a calcium-binding transmembrane glycoprotein component of desmosomes in vertebrate epithelial cells. Currently, three desmoglein subfamily members have been identified and all are members of the cadherin cell adhesion molecule superfamily. These desmoglein gene family members are located in a cluster on chromosome 18. This protein has been identified as the autoantigen of the autoimmune skin blistering disease pemphigus vulgaris. [provided by RefSeq]

Other Designations

130-kD pemphigus vulgaris antigen|desmoglein 3|pemphigus vulgaris antigen

Publication Reference

- [The role of desmoglein-3 in the diagnosis of squamous cell carcinoma of the lung.](#)

Savci-Heijink CD, Kosari F, Aubry MC, Caron BL, Sun Z, Yang P, Vasmatazis G.

The American Journal of Pathology 2009 May; 174(5):1629.

Disease

- [Genetic Predisposition to Disease](#)
- [Pemphigus](#)