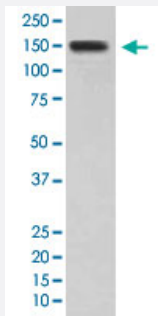


DSG1 monoclonal antibody, clone ED-4

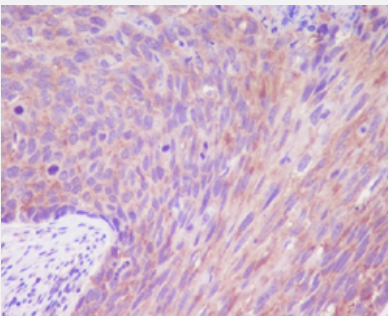
Catalog # MAB19991 Size 100 uL

Applications



Western Blot (Tissue lysate)

Western Blot analysis of human skin tissue lysate with DSG1 monoclonal antibody, clone ED-4 (Cat # MAB19991).



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human cervix cancer with DSG1 monoclonal antibody, clone ED-4 (Cat # MAB19991).

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human DSG1.
Immunogen	A synthetic peptide corresponding to human DSG1.
Host	Rabbit
Theoretical MW (kDa)	113.748
Reactivity	Human
Form	Liquid
Purification	Affinity purification

Isotype	IgG
Recommend Usage	Immunocytochemistry Immunofluorescence Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-1:200) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

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- Immunocytochemistry

- Immunofluorescence

Gene Info — DSG1

Entrez GeneID	1828
Protein Accession#	Q02413
Gene Name	DSG1
Gene Alias	CDHF4, DG1, DSG
Gene Description	desmoglein 1
Omim ID	125670 148700
Gene Ontology	Hyperlink

Gene Summary

Desmosomes are cell-cell junctions between epithelial, myocardial and certain other cell types. Desmoglein 1 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. The protein encoded by this gene has been identified as the autoantigen of the autoimmune skin blistering disease pemphigus foliaceus. [provided by RefSeq]

Other Designations

desmosomal glycoprotein 1|pemphigus foliaceus antigen

Disease

- [Pemphigus](#)