

DSG3 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA4276
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human DSG3 (AA: 55-159) expressed in E. Coli.
Mol wt	107.5kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB
Concentration	N/A
Full name	N/A
Synonyms	PVA;CDHF6

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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.

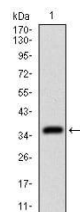
Recommended Dilution

WB: 1:500 - 1:2000

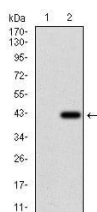
ELISA: 1:10000

Not yet tested in other applications.

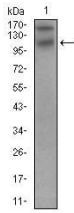
Images



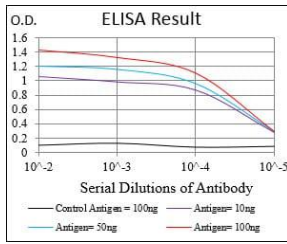
Western blot analysis using DSG3 mAb against human DSG3 (AA: 55-159) recombinant protein.
(Expected MW is 37.5 kDa)



Western blot analysis using DSG3 mAb against HEK293 (1) and DSG3 (AA: 55-159)-hIgGFc transfected HEK293 (2) cell lysate.



Western blot analysis using DSG3 mouse mAb against A431 cell lysate.



Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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