

DSG1 rabbit monoclonal antibody

Catalog # H00001828-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human DSG1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human DSG1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human DSG1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — DSG1

Entrez GeneID	1828
GeneBank Accession#	DSG1
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](#)