

ARG65023 anti-DSG1 / Desmoglein 1 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes DSG1 / Desmoglein 1
Tested Reactivity	Hu
Tested Application	IHC-P
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	DSG1 / Desmoglein 1
Antigen Species	Human
Immunogen	C-YTTSDTLKPSVHVHD
Conjugation	Un-conjugated
Alternate Names	PPK1; Desmoglein-1; SPPK1; DGI; EPKHIA; CDHF4; DG1; Desmosomal glycoprotein 1; DSG; Cadherin family member 4; Pemphigus foliaceus antigen; EPKHE

Application Instructions

Application table	Application	Dilution
	IHC-P	4 - 6 µg/ml
Application Note	IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Calculated Mw	114 kDa	

Properties

Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 1828 Human](#)

[Swiss-port # Q02413 Human](#)

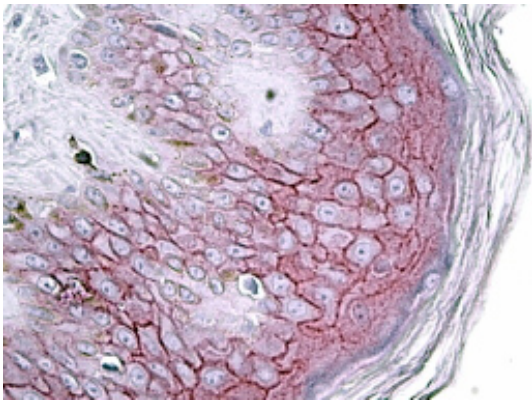
Background

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, Jul 2008]

Research Area

Signaling Transduction antibody

Images



ARG65023 anti-DSG1 / Desmoglein 1 antibody IHC-P image

Immunohistochemistry: Paraffin embedded Human Skin. (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG65023 anti-DSG1 / Desmoglein 1 antibody at 3.8 µg/ml dilution followed by AP-staining.