

## ARG70009 anti-Desmocollin 1 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes Desmocollin 1
Tested Reactivity	Hu
Tested Application	FACS, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Desmocollin 1
Species	Human
Immunogen	KLH-conjugated synthetic peptide within 659 to 687 aa (C-terminus) of Human Desmocollin 1 protein (NP_004939.1)
Conjugation	Un-conjugated
Alternate Names	DG2/DG3; Desmocollin-1; CDHF1; Desmosomal glycoprotein 2/3; Cadherin family member 1

### Application Instructions

Application table	Application	Dilution
	FACS	1:10-1:50
	IHC-P	1:50-1:100
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	A375	

### Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS and 0.09% (W/V) Sodium azide
Preservative	0.09% (W/V) Sodium azide
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: 1823 Human](#)

[Swiss-port # Q08554 Human](#)

### Gene Symbol

DSC1

### Gene Full Name

desmocollin 1

### Background

DSC1 is a calcium-dependent glycoprotein that is a member of the desmocollin subfamily of the cadherin superfamily. These desmosomal family members, along with the desmogleins, are found primarily in epithelial cells where they constitute the adhesive proteins of the desmosome cell-cell junction and are required for cell adhesion and desmosome formation. The desmosomal family members are arranged in two clusters on chromosome 18, occupying less than 650 kb combined.

### Function

Component of intercellular desmosome junctions. Involved in the interaction of plaque proteins and intermediate filaments mediating cell-cell adhesion. May contribute to epidermal cell positioning (stratification) by mediating differential adhesiveness between cells that express different isoforms. Linked to the keratinization of epithelial tissues. [Uniprot]

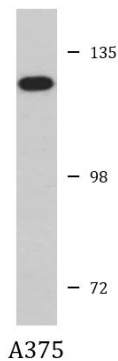
### Research Area

Signaling Transduction antibody

### Calculated Mw

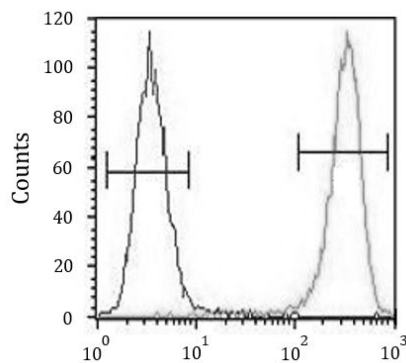
100 kDa

## Images



ARG70009 anti-Desmocollin 1 antibody WB image

Western blot: 35  $\mu$ g of A375 cell lysate stained with ARG70009 anti-Desmocollin 1 antibody.



ARG70009 anti-Desmocollin 1 antibody FACS image

Flow Cytometry: A375 cells stained with ARG70009 anti-Desmocollin 1 antibody (right histogram) or without primary antibody control (left histogram).