

## ARG58500 anti-Desmocollin 2 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes Desmocollin 2
Tested Reactivity	Hu
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Desmocollin 2
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 520-690 of Human Desmocollin 2 (NP_077740.1).
Conjugation	Un-conjugated
Alternate Names	Desmosomal glycoprotein II; ARVD11; Desmosomal glycoprotein III; DSC3; Desmocollin-3; Desmocollin-2; DG2; CDHF2; DGI/III; Cadherin family member 2

### Application Instructions

Application table	Application	Dilution
	WB	1:1000 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	BT474	
Observed Size	105 kDa	

### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
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. 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.

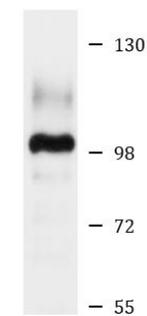
## Bioinformation

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Gene Symbol	DSC2
Gene Full Name	desmocollin 2
Background	This gene encodes a member of the desmocollin protein subfamily. Desmocollins, along with desmogleins, are cadherin-like transmembrane glycoproteins that are major components of the desmosome. Desmosomes are cell-cell junctions that help resist shearing forces and are found in high concentrations in cells subject to mechanical stress. This gene is found in a cluster with other desmocollin family members on chromosome 18. Mutations in this gene are associated with arrhythmogenic right ventricular dysplasia-11, and reduced protein expression has been described in several types of cancer. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2015]
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. [UniProt]
Calculated Mw	100 kDa
Cellular Localization	Cell membrane, Single-pass type I membrane protein, Cell junction, desmosome. [UniProt]

## Images

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ARG58500 anti-Desmocollin 2 antibody WB image

Western blot: 25 µg of BT474 cell lysate stained with ARG58500 anti-Desmocollin 2 antibody at 1:1000 dilution.