DSC2 rabbit monoclonal antibody

Catalog # H00001824-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human DSC2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human DSC2 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 DSC2 peptide by ELISA and mammalian transfected lysate by We stern 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 in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — DSC2

Entrez GeneID	1824
GeneBank Accession#	DSC2
Gene Name	DSC2
Gene Alias	ARVD11, CDHF2, DG2, DGII/III, DKFZp686I11137, DSC3
Gene Description	desmocollin 2
Omim ID	125645 610476
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a calcium-dependent glycoprotein that is a member of the de smocollin subfamily of the cadherin superfamily. These desmosomal family members, along with t he 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 les s than 650 kb combined. Mutations in this gene are associated with arrhythmogenic right ventricul ar dysplasia-11. Alternative splicing results in two transcript variants encoding distinct isoforms. [p rovided by RefSeq
Other Designations	desmosomal glycoprotein II/III

Pathway

- Arrhythmogenic right ventricular cardiomyopathy (ARVC)

Disease

- Arrhythmias
- Arrhythmogenic Right Ventricular Dysplasia
- Cardiomyopathy
- Genetic Predisposition to Disease