

For Research Use Only

CoraLite® Plus 647-conjugated DSC2 Recombinant antibody

Catalog Number: CL647-84985



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL647-84985	BC063291	Protein A purification
Size:	GeneID (NCBI):	CloneNo.:
100ul , Concentration: 1000 ug/ml by Nanodrop;	1824	241084G9
Source:	UNIPROT ID:	Recommended Dilutions:
Rabbit	Q02487	IF/ICC: 1:50-1:500
Isotype:	Full Name:	Excitation/Emission maxima wavelengths:
IgG	desmocollin 2	654 nm / 674 nm
Immunogen Catalog Number:	Calculated MW:	
AG4956	100 kDa	

Applications

Tested Applications:	Positive Controls:
IF/ICC	IF/ICC : A431 cells,
Species Specificity:	
human	

Background Information

Desmocollin 2 (DSC2) is a member of the desmocollin subfamily of the cadherin superfamily. The desmocollins (DSC1-3), along with the desmogleins (DSG1-4), are found primarily in epithelial and cardiac muscle where they constitute the adhesive proteins of the intercellular desmosome junctions and are required for cell adhesion and desmosome formation. Mutations in the DSC2 gene are associated with arrhythmogenic right ventricular dysplasia-11.

Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed A431 cells using Coralite® Plus 647 DSC2 antibody (CL647-84985, Clone: 241084G9) at dilution of 1:200.