

For Research Use Only

# CoraLite®594-conjugated DSC2 Recombinant antibody

Catalog Number: CL594-84985



## Basic Information

Catalog Number: CL594-84985	GenBank Accession Number: BC063291	Purification Method: Protein A purification
Concentration: 1000 ug/ml	GeneID (NCBI): 1824	CloneNo.: 241084G9
Source: Rabbit	UNIPROT ID: Q02487	Recommended Dilutions: IF/ICC: 1:50-1:500
Isotype: IgG	Full Name: desmocollin 2	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: AG4956	Calculated MW: 100 kDa	

## Applications

Tested Applications: IF/ICC	Positive Controls: 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:

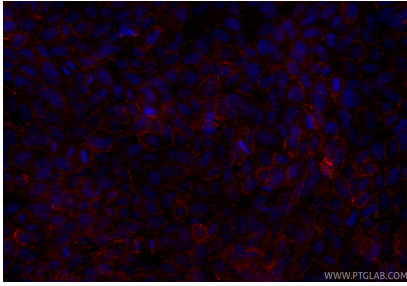
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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed A431 cells using CoraLite®594 DSC2 antibody (CL594-84985, Clone: 241084G9 ) at dilution of 1:200.