

For Research Use Only

# CoraLite® Plus 488-conjugated DSC2 Recombinant monoclonal antibody

Catalog Number:CL488-84985



## Basic Information

Catalog Number:

CL488-84985

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4956

GenBank Accession Number:

BC063291

GeneID (NCBI):

1824

UNIPROT ID:

Q02487

Full Name:

desmocollin 2

Calculated MW:

100 kDa

Purification Method:

Protein A purification

CloneNo.:

241084G9

Recommended Dilutions:

IF/ICC: 1:50-1:500

Excitation/Emission maxima  
wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF/ICC : MCF-7 cells, Caco-2 cells

## 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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**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed Caco-2 cells using CoraLite® Plus 488 DSC2 antibody (CL488-84985, Clone: 241084G9) at dilution of 1:200.



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using CoraLite® Plus 488 DSC2 antibody (CL488-84985, Clone: 241084G9) at dilution of 1:200.