

For Research Use Only

Desmocollin 2 Monoclonal antibody



Catalog Number: 60239-1-Ig

4 Publications

Basic Information

Catalog Number:

60239-1-Ig

Size:

1200 μ g/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG5450

GenBank Accession Number:

BC063291

GeneID (NCBI):

1824

UNIPROT ID:

Q02487

Full Name:

desmocollin 2

Calculated MW:

100 kDa

Observed MW:

110 kDa

Purification Method:

Protein A purification

CloneNo.:

1H8G1

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

FC, WB, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse

Cited Species:

human

Positive Controls:

WB : HEK-293 cells, Raji 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 epithelia 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 DSC2 gene are associated with arrhythmogenic right ventricular dysplasia-11.

Notable Publications

Author	Pubmed ID	Journal	Application
Wenjuan Yang	35284624	Mol Ther Oncolytics	WB
Marie-Therès Wanuske	33354837	Acta Physiol (Oxf)	WB
Ling Leng	32967725	Stem Cell Res Ther	IF

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

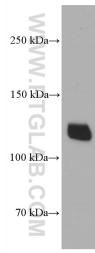
T: 4006900926

E: Proteintech-CN@ptglab.com

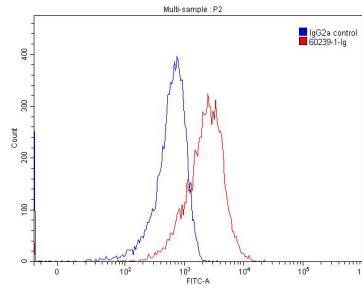
W: ptgcn.com

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

Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 60239-1-Ig (Desmocollin 2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



1X10⁶ HEK-293 cells were stained with 0.20ug Desmocollin 2 antibody (60239-1-Ig, red) and control antibody (blue). Fixed with 90% MeOH.