

For Research Use Only

Anti-Human DSG2 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98863-1-PBS



Basic Information

Catalog Number:

98863-1-PBS

Concentration:

1mg, 3 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG6509

GenBank Accession Number:

NM_001943.4

GeneID (NCBI):

1829

UNIPROT ID:

Q14126

Full Name:

desmoglein 2

Calculated MW:

122 kDa

Purification Method:

Protein A purification

CloneNo.:

251405F11

Applications

Tested Applications:

FC

Species Specificity:

human

Background Information

Desmosomes are cell-cell junctions between epithelial, myocardial, and certain other cell types. Desmosomal cadherins, consisting of four desmogleins (DSG1-4) and three desmocollins (DSC1-3) in humans, mediate adhesion through calcium-dependent homophilic/heterophilic interactions. DSG2 is a single-pass transmembrane glycoprotein that is widely expressed in epithelial and non-epithelial tissues, such as the intestine, epidermis, testis, and heart (PMID:21715983). Defects in DSG2 are the cause of familial arrhythmogenic right ventricular dysplasia type 10 (ARVD10), and genetic variations in DSG2 are the cause of susceptibility to cardiomyopathy dilated type 1BB (CMD1BB).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

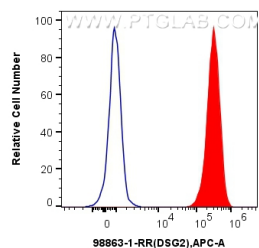
T: 4006900926

E: Proteintech-CN@ptglab.com

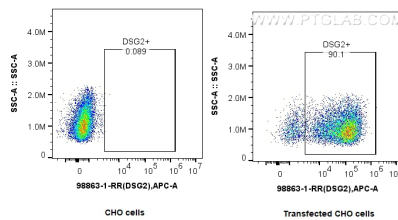
W: ptgcn.com

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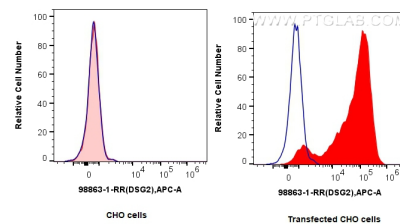
Selected Validation Data



1×10^6 HeLa cells were surface stained with 0.25 ug Anti-Human DSG2 Rabbit RecAb (98863-1-RR, Clone: 251405F11) (red) or 0.25 ug Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue), and CoraLite647-conjugated F(ab')₂ Fragment Donkey Anti-Rabbit IgG (H+L) (SA00014-7). Cells were not fixed. This data was developed using the same antibody clone with 98863-1-PBS in a different storage buffer formulation.



1×10^6 CHO cells or DSG2 transfected CHO cells were surface stained with 0.25 ug Anti-Human DSG2 Rabbit RecAb (98863-1-RR, Clone: 251405F11) and CoraLite647-conjugated F(ab')₂ Fragment Donkey Anti-Rabbit IgG (H+L) (SA00014-7). Cells were not fixed. This data was developed using the same antibody clone with 98863-1-PBS in a different storage buffer formulation.



1×10^6 CHO cells or DSG2-transfected CHO cells were surface stained with 0.25 ug Anti-Human DSG2 Rabbit RecAb (98863-1-RR, Clone: 251405F11) (red) or 0.25 ug Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue), and CoraLite647-conjugated F(ab')₂ Fragment Donkey Anti-Rabbit IgG (H+L) (SA00014-7). Cells were not fixed. This data was developed using the same antibody clone with 98863-1-PBS in a different storage

