

DSC3 Recombinant antibody

Catalog Number: 83386-5-RR

Basic Information

Catalog Number:

83386-5-RR

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34648

GenBank Accession Number:

NM_001941

GeneID (NCBI):

1825

UNIPROT ID:

Q14574

Full Name:

desmocollin 3

Calculated MW:

100 kDa

Observed MW:

90-110 kDa

Purification Method:

Protein A purification

CloneNo.:

240292B12

Recommended Dilutions:

WB 1:2000-1:10000

IHC 1:50-1:500

IF/ICC 1:250-1:1000

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Species Specificity:

human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : unboiled A431 cells, A431 cells, HaCaT cells

IHC : mouse skin tissue,

IF/ICC : A431 cells,

Background Information

Desmocollin-3 (DSC3), also known as CDHF3 and DSC4, is a member of the cadherin superfamily of calcium-dependent cell adhesion molecules and a major component of desmosomes. It has 2 isoforms with molecular masses of 100 and 93 kDa. It is particularly expressed in the vagina, testis, skin, oral mucosa and esophagus. Its subcellular localization is at the cell membrane. Post-translational modifications, including glycosylation, have been described.

Storage

Storage:

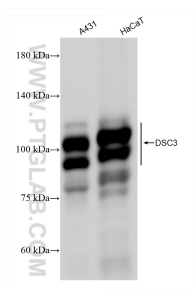
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

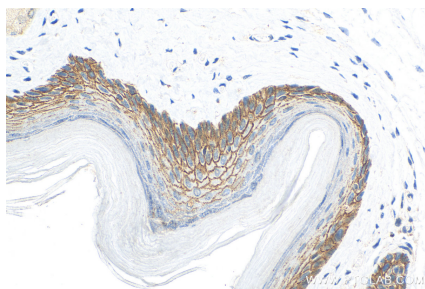
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

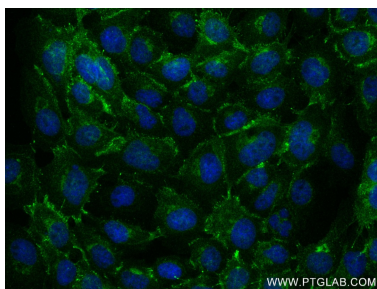
Selected Validation Data



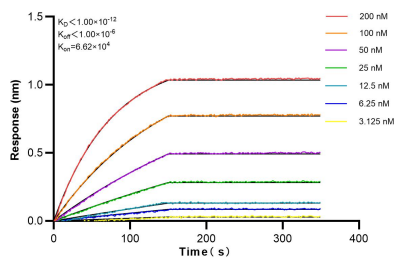
Various lysates were subjected to SDS PAGE followed by western blot with 83386-5-RR (DSC3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse skin tissue slide using 83386-5-RR (DSC3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed A431 cells using DSC3 antibody (83386-5-RR, Clone: 240292B12) at dilution of 1:500 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Biolayer interferometry (BLI) kinetic assays of 83386-5-RR against Human DSC3 were performed. The affinity constant is below 1 pM.