

## Desmoplakin Rabbit mAb

Catalog No: #56575

Package Size: #56575-1 50ul #56575-2 100ul

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## Description

Product Name	Desmoplakin Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB ICC/IF
Species Reactivity	Human;Rat
Specificity	Desmoplakin Antibody detects endogenous levels of total Desmoplakin
Immunogen Description	A synthesized peptide derived from human Desmoplakin
Conjugates	Unconjugated
Other Names	Desmoplakin I; Desmoplakin II; DPI; DPII; DSP; KPPS2; PPKS2;
Accession No.	Uniprot:P15924
Calculated MW	332kDa
SDS-PAGE MW	270kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

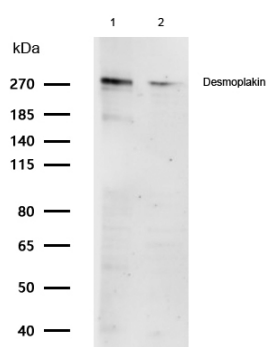
## Application Details

WB:1:500~1:2000

ICC/IF:1:50~1:200

FC:1:50

## Images



All lanes: Desmoplakin Rabbit mAb at 1/1k dilution

Lane 1 : A431 whole cell lysates Lane 2 : Rat skin lysates

Lysates/proteins at 20 µg per lane.

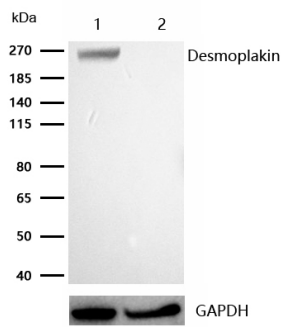
Secondary

All lanes : Goat Anti-Rabbit IgG H&amp;L (HRP) at 1/20000 dilution

Predicted band size: 332 kDa

Observed band size: 270 kDa

Exposure time: 6 seconds

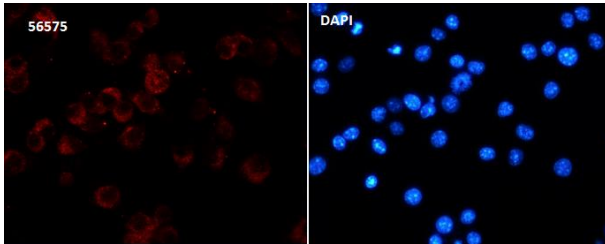


All lanes: Desmoplakin Rabbit mAb at 1/1k dilution

Lane 1 : Wild-type HeLa cell lysate

Lane 2 : Desmoplakin knockdown HeLa cell lysate

Lysates/proteins at 20 µg per lane.



Immunocytochemistry/ Immunofluorescence Desmoplakin antibody (56575)

ICC/IF staining of

Desmoplakin in A431 cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.

Samples were incubated with 56575 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 647 goat anti rabbit, used at a dilution of 1/500.

Nuclei were counterstained with DAPI.

## Product Description

Major high molecular weight protein of desmosomes. Involved in the organization of the desmosomal cadherin-plakoglobin complexes into discrete plasma membrane domains and in the anchoring of intermediate filaments to the desmosomes.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.