

Anti-Desmocollin-3 Rabbit Monoclonal Antibody

Catalog # ABO16083

Product Information

Application	WB, IF, ICC, FC
Primary Accession	Q14574
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-Desmocollin-3 Rabbit Monoclonal Antibody . Tested in WB, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

Gene ID	1825
Other Names	Desmocollin-3, Cadherin family member 3, Desmocollin-4, HT-CP, DSC3, CDHF3, DSC4
Calculated MW	99969
Application Details	WB 1:500-1:2000 ICC/IF 1:50-1:200 FC 1:50
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 26D62
Immunogen	A synthesized peptide derived from Desmocollin-3
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	DSC3
Synonyms	CDHF3, DSC4
Function	A component of desmosome cell-cell junctions which are required for

positive regulation of cellular adhesion (By similarity). Required for cell-cell adhesion in the epidermis, as a result required for the maintenance of the dermal cohesion and the dermal barrier function (PubMed:[19717567](#)). Required for cell-cell adhesion of epithelial cell layers surrounding the telogen hair club, as a result plays an important role in telogen hair shaft anchorage (By similarity). Essential for successful completion of embryo compaction and embryo development (By similarity).

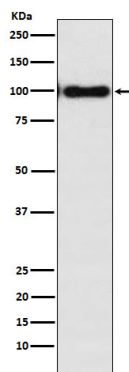
Cellular Location

Cell membrane; Single-pass type I membrane protein. Cell junction, desmosome {ECO:0000250|UniProtKB:P55850} Cytoplasm {ECO:0000250|UniProtKB:P55850}. Note=Expressed in the cytoplasm and at the cell membrane of oocytes {ECO:0000250|UniProtKB:P55850}

Tissue Location

Expressed throughout the basal and spinous layer of the epidermis with weak expression in the granular layer (at protein level) (PubMed:19717567, PubMed:7665906). Also expressed in the buccal mucosa, esophagus and cervix (at protein level) (PubMed:7665906)

Images



Western blot analysis of Desmocollin-3 expression in A431 cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.