

Anti-Desmocollin-3 Rabbit Monoclonal Antibody
Catalog # ABO16083**Specification**

Anti-Desmocollin-3 Rabbit Monoclonal Antibody - 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.

Anti-Desmocollin-3 Rabbit Monoclonal Antibody - Additional Information

Gene ID 1825

Other Names

Desmocollin-3, Cadherin family member 3, Desmocollin-4, HT-CP, DSC3, CDHF3, DSC4

Calculated MW

100 kDa KDa

Application Details

WB 1:500-1:2000
ICC/IF 1:50-1:200
FC 1:50

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.

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.

Anti-Desmocollin-3 Rabbit Monoclonal Antibody - 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}

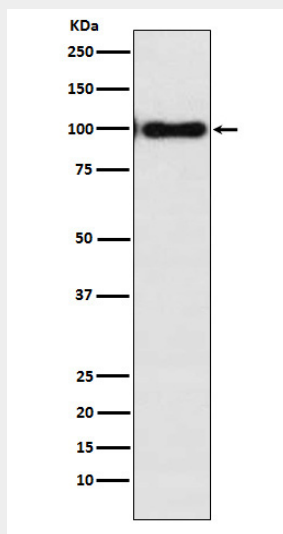
Tissue Location

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)

Anti-Desmocollin-3 Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Desmocollin-3 Rabbit Monoclonal Antibody - Images

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