

Desmocollin 3 Rabbit mAb

Catalog # AP74874

Product Information

Application	WB, ICC
Primary Accession	Q14574
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	99969

Additional Information

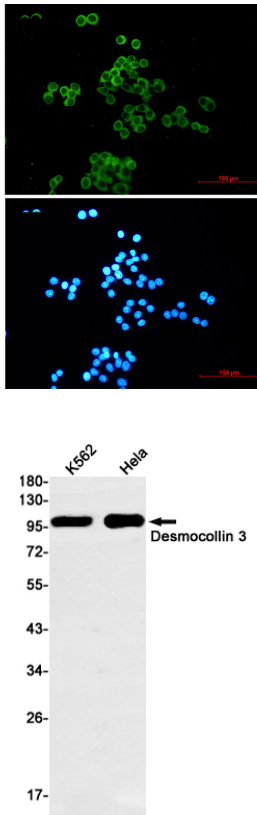
Gene ID	1825
Other Names	DSC3
Dilution	WB~~1/500-1/1000 ICC~~N/A
Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

Name	DSC3
Synonyms	CDHF3, DSC4
Function	<p>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).</p>
Cellular Location	<p>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}</p>
Tissue Location	<p>Expressed throughout the basal and spinous layer of the epidermis with weak expression in the granular layer (at protein level) (PubMed:19717567,</p>

PubMed:7665906). Also expressed in the buccal mucosa, esophagus and cervix (at protein level) (PubMed:7665906)

Images



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