

CAB0445

Product Information

Product SKU:	CAB0445	Gene ID:	1825	Size:	20uL, 100uL
Clone No:	ARC2506	Host Species:	Rabbit	Reactivity:	Human

Additional Information

Observed MW:	100kDa	Conjugate:	Unmodified
Calculated MW:	100kDa	Isotype:	IgG

Immunogen Information

Background:	The protein encoded by this gene is a calcium-dependent glycoprotein that is a member of the desmocollin subfamily of the cadherin superfamily. These desmosomal family members, along with the desmogleins, are found primarily in epithelial cells where they constitute the adhesive proteins of the desmosome cell-cell junction and are required for cell adhesion and desmosome formation. The desmosomal family members are arranged in two clusters on chromosome 18, occupying less than 650 kb combined. Mutations in this gene are a cause of hypotrichosis and recurrent skin vesicles disorder. The protein can act as an autoantigen in pemphigus diseases, and it is also considered to be a biomarker for some cancers. Alternative splicing of this gene results in multiple transcript variants.
Recommended Dilution:	WB, 1:500 - 1:1000
Synonyms:	DSC; DSC1; DSC2; DSC4; CDHF3; HT-CP; Desmocollin 3
Purification Method:	Affinity purification
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 797-896 of human Desmocollin 3 (Q14574).
Storage:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.