

Allgemeine Informationen

Katalog-Nr.: 24587-1-AP	GenBank-Zugangsnummer: BC153001	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 1000 µg/ml von1828 Nanodrop;	GeneID (NCBI): desmoglein 1	Empfohlene Verdünnungen: IHC 1:200-1:800 IF 1:10-1:100
Wirt: Kaninchen	Vollständiger Name: desmoglein 1	
Isotyp: IgG	Berechnete Masse: 1049 aa, 114 kDa	
Immunogen Katalognummer: AG20184		

Anwendungen

Geprüfte Anwendungen: IF, IHC, ELISA	Positivkontrollen: IHC : humanes Hautkrebsgewebe, IF : A431-Zellen,
In Publikationen genannte Anwendungen: IF, IHC, WB	
Getestete Reaktivität: Human	
Zitierte Arten: Human, Maus	
Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

Desmosomes are cell-cell junctions between epithelial, myocardial, and certain other cell types. Desmosomal cadherins, consisting of four desmogleins (DSG1-4) and three desmocollins (DSC1-3) in humans, mediate adhesion through calcium-dependent homophilic/heterophilic interactions. DSG1 is a single-pass transmembrane glycoprotein that is highly expressed in the epidermis and localized primarily within the suprabasal epithelial layers (PMID: 16286477; 24220297). DSG1 mediates intercellular adhesion and have a crucial role in maintaining epidermal integrity and barrier function (PMID: 23974871). It is also involved in epithelial cell differentiation (PMID: 23524961). Mutations in the DSG1 gene can cause the autosomal dominant disorder striate palmoplantar keratoderma and a syndrome featuring severe dermatitis, multiple allergies and metabolic wasting (SAM syndrome) (PMID: 29315490; 23974871).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Martyna Pakula	31110245	Sci Rep	IHC,IF
Valentina Iadevaia	35098996	J Cell Sci	IF
Shoko Ishikawa	35289919	Microscopy (Oxf)	WB,IF

Lagerung

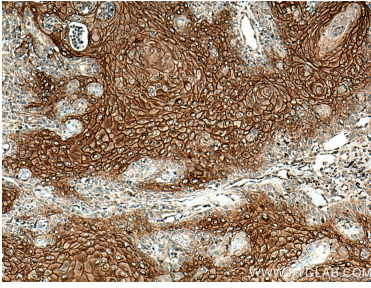
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
 Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

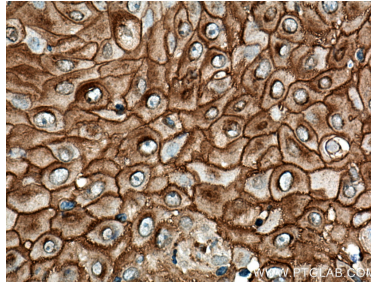
For technical support and original validation data for this product please contact:
 T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
 E: proteintech@ptglab.com
 W: ptglab.com

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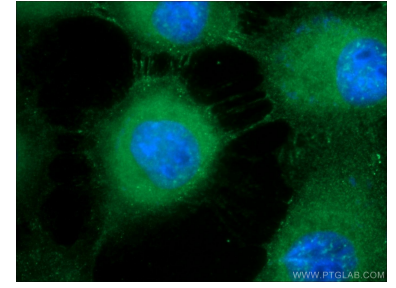
Ausgewählte Validierungsdaten



Immunohistochemical analysis of paraffin-embedded human skin cancer tissue slide using 24587-1-AP (DSG1 antibody) at dilution of 1:400 (under 10x lens). heat mediated antigen retrieval with Tris-EDTA buffer(pH9).



Immunohistochemical analysis of paraffin-embedded human skin cancer tissue slide using 24587-1-AP (DSG1 antibody) at dilution of 1:400 (under 40x lens). heat mediated antigen retrieval with Tris-EDTA buffer(pH9).



Immunofluorescent analysis of A431 cells using 24587-1-AP (DSG1 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).