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anti-Desmoglein 1 antibody



Image



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Quantity:	100 μg	
Target:	Desmoglein 1 (DSG1)	
Reactivity:	Human	
Host:	Mouse	
Clonality:	Monoclonal	
Conjugate:	This Desmoglein 1 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS)	

Product Datails

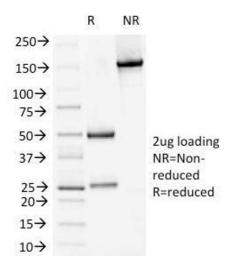
Immunogen:	Human desmoglein-1 intracellular domain	
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Clone:	18D4	
Isotype:	IgG1 kappa	
Specificity:	Recognizes a protein of ~150 kDa, identified as Desmoglein-1 (DSG1). Desmoglein-1 is a	
	member of the desmosomal cadherin family. Desmosomes are intercellular adhering junctions	
	that represent cell surface attachment sites for intermediate filament. Desmocollins and	
	desmogleins are the main desmosomal transmembrane proteins. Desmogleins consist of	
	Dsg1, Dsg2, Dsg3, and Dsg4 isoforms. Within the desmosome, the extracellular domain of	
	desmoglein is essential for calcium dependent heterophilic binding to the desmocollins,	
	whereas the intracellular domain is essential for binding to the desmosomal plaque protein,	
	plakoglobin. Desmoglein 1 is synthesized exclusively in the suprabasal layers. Intact and	
	functionally active desmoglein 1 is essential to epidermal integrity.	

Product Details Purified by Protein A/G Purification: Target Details Desmoglein 1 (DSG1) Target: Alternative Name DSG1 (DSG1 Products) Molecular Weight: 150kDa (precursor), 160kDa (mature) Gene ID: 1828 UniProt: Q02413 Pathways: Cell-Cell Junction Organization **Application Details** Positive Control: A431 or A-375 cells. Skin. Application Notes: Known Application: Flow Cytometry (0.5-1 µg/million cells), Immunofluorescence (1-2 µg/mL), Western Blot (0.5-1.0 µg/mL) Optimal dilution for a specific application should be determined. Restrictions: For Research Use only Handling Concentration: 200 μg/mL Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide. Preservative: Sodium azide Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. 4 °C,-80 °C Storage: Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody

is stable for 24 months. Non-hazardous. No MSDS required.

24 months

Expiry Date:



SDS-PAGE

Image 1. SDS-PAGE Analysis Purified DSG1 Mouse Monoclonal Antibody (18D4). Confirmation of Integrity and Purity of Antibody