

## Mouse anti-Desmoglein-1, clone 27B2 (Monoclonal)

Clone no. 27B2

MONOSAN

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Product name	Mouse anti-Desmoglein-1, clone 27B2 (Monoclonal)
Host	Mouse
Applications	IHC-fr,FC,IF,IP,WB
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG1
Clonality	Monoclonal
Clone number	27B2
Size	1 ml
Concentration	100 ug/ ml
Format	-
Storage buffer	PBS with 0.1% BSA and 0.02% sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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**Additional info**

Desmoglein 1 is a member of the desmosomal cadherin family that comprise the desmogleins and desmocollins. Desmosomes are cell-cell junctions in most epithelial cells and serve to link the intermediate filament cytoskeletons of adjacent cells. 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. The monoclonal antibody 27B2 reacts with the 165 kDa desmoglein 1 protein. Furthermore it is not cross reactive with desmoglein 2 or desmoglein 3.

**References**

1. Wahl; J et al. Hybrid Hybridomics 2002; 21: 37
2. -
3. -
4. -
5. -

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