

Product Datasheet

Desmocollin-1 Antibody - BSA Free NBP1-88099

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-88099

Desmocollin-1 Antibody - BSA Free

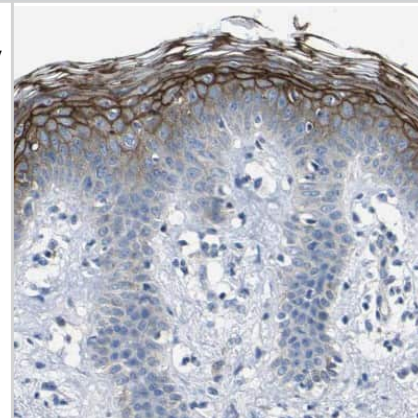
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	1823
Gene Symbol	DSC1
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: SCTGTLVVHLDDYNDHAPQIDKEVTICQNNEDFAVLKPVDPDGPENGPFFQFF LDNSASKNWNIEEKDGKTAILRQRQNLDYNYYSVPIQIKDRHGLVATHMLTVRV CDCSTPSECRMKDKSTR

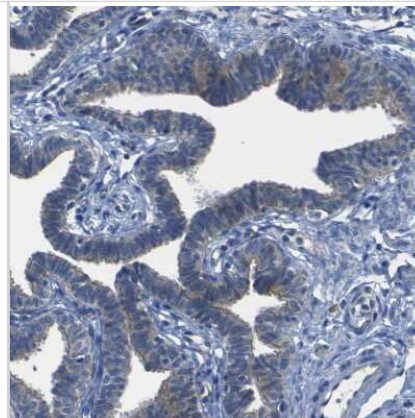
Product Application Details	
Applications	Simple Western, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Simple Western 1:60, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	IHC-Paraffin, HIER pH 6 retrieval is recommended. In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. See Simple Western Antibody Database for Simple Western validation: Tested in RT-4 and U-251MG, separated by Size, antibody dilution of 1:60, apparent MW was 100 kDa. Separated by Size-Wes, Sally Sue/Peggy Sue.

Images

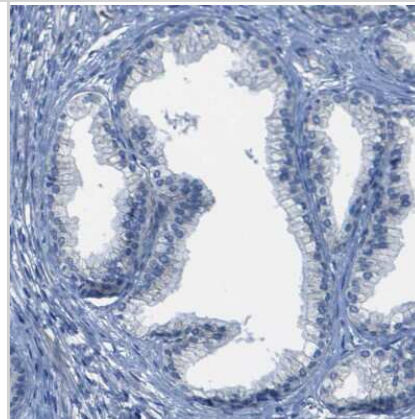
Immunohistochemistry-Paraffin: Desmocollin-1 Antibody [NBP1-88099] - Staining of human skin shows moderate to strong membranous positivity in epidermal cells.



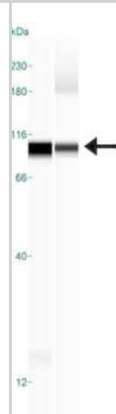
Immunohistochemistry-Paraffin: Desmocollin-1 Antibody [NBP1-88099] - Staining of human fallopian tube shows very weak membranous positivity in glandular cells.



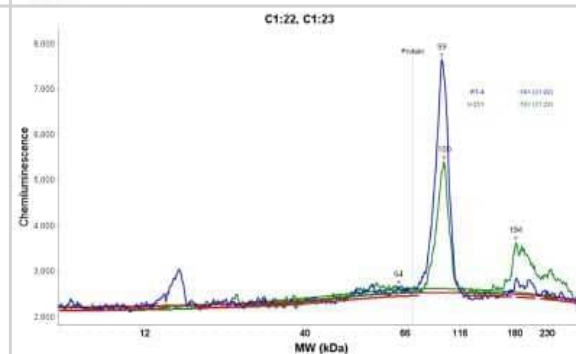
Immunohistochemistry-Paraffin: Desmocollin-1 Antibody [NBP1-88099] - Staining of human prostate shows no membranous positivity in glandular cells.



Simple Western: Desmocollin-1 Antibody [NBP1-88099] - Simple Western lane view shows a specific band for Desmocollin-1 in 0.5 mg/ml of RT-4 (Left) and U-251MG (Right) lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system.



Simple Western: Desmocollin-1 Antibody [NBP1-88099] - Electropherogram image(s) of corresponding Simple Western lane view. Desmocollin-1 antibody was used at 1:60 dilution on RT-4 and U-251MG lysate(s).



Publications

Choi HY, Ruel I, Genest J. Identification of Docetaxel as a Potential Drug to Promote HDL Biogenesis *Frontiers in Pharmacology* 2021-05-21 [PMID: 34093205]

Verkerk AJMH, Andrei D, Vermeer MCSC et al. Disruption of TUFT1, a Desmosome-Associated Protein, Causes Skin Fragility, Woolly Hair, and Palmoplantar Keratoderma *The Journal of investigative dermatology* 2023-09-15 [PMID: 37716648] (IHC-Fr, Human)

Miyazaki H, Tsunoi Y, Akagi T et al. EMSY expression affects multiple components of skin barrier with relevance to atopic dermatitis *Journal of Allergy and Clinical Immunology* 2019-05-01 [PMID: 31158401] (IF/IHC, WB, Human)

Min D, Lee W, Bae IH et al. Bioprinting of Biomimetic Skin containing Melanocytes. *Exp. Dermatol.* 2017-04-28 [PMID: 28453913] (Human)

Paavilainen L, Edvinsson A, Asplund A et al. The impact of tissue fixatives on morphology and antibody-based protein profiling in tissues and cells. *J Histochem Cytochem* 2010-03-01 [PMID: 19901271]





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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