

Product Datasheet

Dermcidin Antibody (G-81)

NBP1-49620-0.25ml

Unit Size: 0.25 ml

Store at 4C.

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Dermcidin Antibody (G-81)

Product Information	
Unit Size	0.25 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C.
Clonality	Monoclonal
Clone	G-81
Preservative	0.02% Sodium Azide
Isotype	IgM
Purity	Tissue culture supernatant
Buffer	Tissue culture supernatant
Product Description	
Host	Mouse
Gene ID	117159
Gene Symbol	DCD
Species	Human
Specificity/Sensitivity	The monoclonal antibody G-81 was produced against a sweat-specific antigen. It reacts to sweat but not to other body fluids (e.g. serum, saliva, semen, milk, urine and tears) in ELISA. The N-terminal amino acid sequence (18 amino acids residues) is identical to a part of human cachexia-associated protein and of a survival-promoting peptide for neuronal cells. Besides this, the sequence is identical to the C-terminal peptide (amino acids 62-79) of DCD. The monoclonal antibody G81 can be used as a specific marker for eccrine glands in the human skin.
Immunogen	Fractionated sweat peptides in complete Freund's adjuvant
Product Application Details	
Applications	Western Blot, Immunoassay, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Immunoassay
Application Notes	For immunohistology and Western blotting, dilutions to be used depend on detection system applied. It is recommended that users test the reagent and determine their own optimal dilutions. The typical starting working dilution is 1:50. Immunocytochemistry/Immunofluorescence was reported in scientific literature.

Publications

Cheret J, Bertolini M, Ponce L et al. Olfactory receptor OR2AT4 regulates human hair growth. Nat Commun 2018-09-18 [PMID: 30228264] (ICC/IF, Human)

Bennett K, Heywood W, Di WL, Harper J, Clayman GL, Jayakumar A, Callard R, Mills K. The identification of a new role for LEKTI in the skin: The use of protein 'bait' arrays to detect defective trafficking of dermcidin in the skin of patients with Netherton syndrome. J Proteomics. 2012-05-12 [PMID: 22588119] (IF/IHC, ICC/IF, Human)





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Products Related to NBP1-49620-0.25ml

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-62224	Mouse IgM Isotype Control (PFR-03)
NBP2-56558PEP	Dermcidin Recombinant Protein Antigen

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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