

Product Datasheet

Involucrin Antibody (IVRN/827) - IHC-Prediluted NBP2-48274

Unit Size: 7 ml

Store at 4C.

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NBP2-48274

Involucrin Antibody (IVRN/827) - IHC-Prediluted

Product Information

Unit Size	7 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C.
Clonality	Monoclonal
Clone	IVRN/827
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA

Product Description

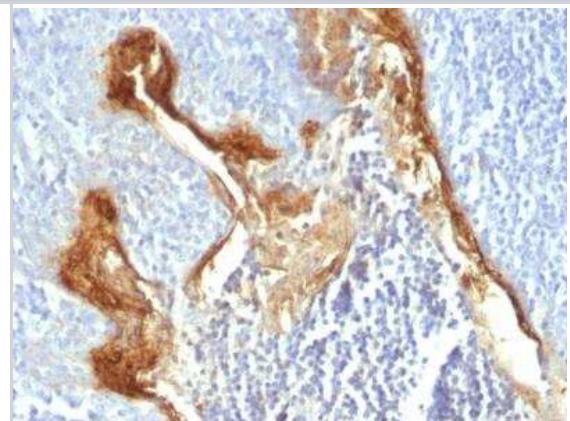
Description	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining.
Host	Mouse
Gene ID	3713
Gene Symbol	IVL
Species	Human
Marker	Squamous Cell Terminal Differentiation Marker
Specificity/Sensitivity	It recognizes a protein of 66kDa-170kDa, identified as involucrin. In Western blotting of cultured human keratinocytes, this monoclonal antibody reacts with a 120kDa protein. Involucrin is expressed in a range of stratified squamous epithelia, including the cornea, which lacks a distinct cornified layer. In normal epidermis, it is first expressed in the upper spinous layers, and in keratinocyte cultures, all cells that have left the basal layer express it. Involucrin expression is altered in pathological conditions: in psoriasis and other benign epidermal hyperplasias, involucrin expression begins closer to the basal layer than normal; expression is abnormal in squamous cell carcinomas and premalignant lesions, and is reduced in severe dysplasias of the larynx and cervix.
Immunogen	Purified involucrin from human keratinocytes (Uniprot: P07476)

Product Application Details

Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin
Application Notes	Hu-chromosome location: 1q21.3 Molecular weight of antigen: 66-170kDa Immunohistochemistry-Paraffin 0.1 - 0.2 ug/ml for 30 minutes at RT; Staining of formalin-fixed tissues is enhanced by digestion with trypsin or Protease XXV at 1mg/ml PBS for 5 min at 37C; Note that enzyme digestion is better than citrate buffer based epitope unmasking The 7mL size is a pre-diluted size and no additional dilutions are required before using this item for the intended application.

Images

Immunohistochemistry-Paraffin: Involucrin Antibody (IVRN/827) - IHC-Prediluted [NBP2-48274] - Human Tonsil stained with Involucrin Monoclonal Antibody (IVRN/827)





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HAF007

Goat anti-Mouse IgG Secondary Antibody [HRP]

NB720-B

Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]

NBP1-43319-0.5mg

Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

NBP2-33742PEP

Involucrin 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.

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