

Product datasheet

Anti-Involucrin antibody [IVRN/2113R] ab234403

Recombinant

2 Images

Overview

Product name	Anti-Involucrin antibody [IVRN/2113R]
Description	Rabbit monoclonal [IVRN/2113R] to Involucrin
Host species	Rabbit
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human Does not react with: Mouse
Immunogen	Recombinant full length protein corresponding to Human Involucrin aa 1 to the C-terminus. Database link: P07476 Run BLAST with Run BLAST with
Positive control	IHC-P: Human tonsil tissue.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.2 Preservative: 0.05% Sodium azide Constituents: PBS, 0.05% BSA
Purity	Protein A/G purified
Purification notes	Purified from bioreactor concentrate by Protein A/G.
Clonality	Monoclonal
Clone number	IVRN/2113R
Isotype	IgG

Applications

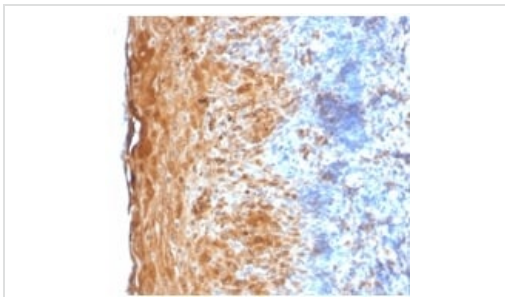
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab234403 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 1 - 2 µg/ml. Staining of formalin-fixed tissues is enhanced by digestion with trypsin or Protease XXV at 1 mg/ml PBS for 5 minutes at 37°C. (Note than enzyme digestion is better than citrate buffer based epitope unmasking). Incubate with primary antibody for 30 minutes at room temperature.

Target

Function	Part of the insoluble cornified cell envelope (CE) of stratified squamous epithelia.
Tissue specificity	Keratinocytes of epidermis and other stratified squamous epithelia.
Sequence similarities	Belongs to the involucrin family.
Post-translational modifications	Substrate of transglutaminase. Some glutamines and lysines are cross-linked to other involucrin molecules, to other proteins such as keratin, desmoplakin, periplakin and envoplakin, and to lipids like omega-hydroxyceramide.
Cellular localization	Cytoplasm. Constituent of the scaffolding of the cornified envelope.

Images



Formalin-fixed, paraffin-embedded human tonsil tissue stained for Involucrin with ab234403 in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Involucrin antibody [IVRN/2113R] (ab234403)

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-Involucrin antibody [IVRN/2113R] (ab234403)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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