

# Product Datasheet

## SPINK5 Antibody - BSA Free

### NBP1-90509

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



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#### Publications: 2

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Updated 2/21/2025 v.20.1

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**NBP1-90509**

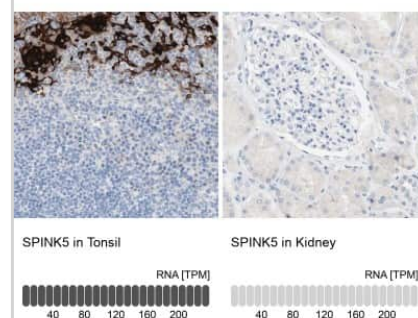
SPINK5 Antibody - BSA Free

| 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                      | Immunogen affinity purified                                                                                                                                                                            |
| Buffer                      | PBS (pH 7.2) and 40% Glycerol                                                                                                                                                                          |
| Product Description         |                                                                                                                                                                                                        |
| Host                        | Rabbit                                                                                                                                                                                                 |
| Gene ID                     | 11005                                                                                                                                                                                                  |
| Gene Symbol                 | SPINK5                                                                                                                                                                                                 |
| Species                     | Human                                                                                                                                                                                                  |
| Immunogen                   | This antibody was developed against Recombinant Protein corresponding to amino acids:<br>QQEERARAKAKREAAKEICSEFRDQVRNGTLICTREHNPVRGPDGKMHGNKC<br>AMCASVFKLEEEEEKNDKEEKKGKVEAEKVKREAVQELCSEYRHYVRNGRLPC |
| Product Application Details |                                                                                                                                                                                                        |
| Applications                | Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin                                                                                                           |
| Recommended Dilutions       | Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500                                                                  |
| Application Notes           | For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.                                                                                          |

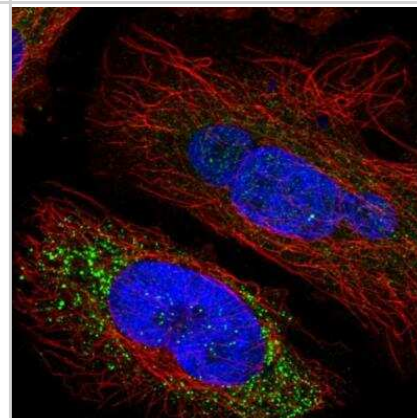


## Images

Immunohistochemistry-Paraffin: SPINK5 Antibody [NBP1-90509] - Staining in human tonsil and kidney tissues using anti-SPINK5 antibody. Corresponding SPINK5 RNA-seq data are presented for the same tissues.



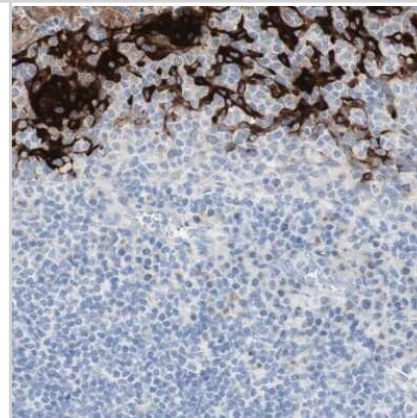
Immunocytochemistry/Immunofluorescence: SPINK5 Antibody [NBP1-90509] - Staining of human cell line HeLa shows localization to vesicles. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: SPINK5 Antibody [NBP1-90509] - Staining of human kidney shows low expression as expected.



Immunohistochemistry-Paraffin: SPINK5 Antibody [NBP1-90509] - Staining of human tonsil shows high expression.



## Publications

Sugihara S, Sugimoto S, Tachibana K et al. TNF-alpha and IL-17A induce the expression of lympho-epithelial Kazal-type inhibitor in epidermal keratinocytes Journal of Dermatological Science 2019-08-01 [PMID: 31501002] (IF/IHC, Human)

McGovern JA, Meinert C, de Veer SJ et al. Attenuated kallikrein-related peptidase activity disrupts desquamation and leads to stratum corneum thickening in human skin equivalent models. Br J Dermatol 2016-07-21 [PMID: 27442805]





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### **Products Related to NBP1-90509**

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|               |                                                     |
|---------------|-----------------------------------------------------|
| NBP1-90509PEP | SPINK5 Recombinant Protein Antigen                  |
| HAF008        | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160        | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891    | Rabbit IgG Isotype Control                          |

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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.

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