

# Product Datasheet

## Filaggrin family member 2 Antibody - BSA Free NBP1-91901

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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### Publications: 4

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**NBP1-91901**

Filaggrin family member 2 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	388698
Gene Symbol	FLG2
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: CGYSNSSGCGRPQNASSSCQSHRFGGQGNQFSYIQSGCQSGIKGGQGHGC VSGGQPSGCGQPESNPCSQSYSQRGYGARENGQPQNCGGQWRTGSSQSS CCG

Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin, Proximity Ligation Assay
Recommended Dilutions	Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500, Proximity Ligation Assay Reported in scientific literature (PMID: 29758285)
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

Immunohistochemistry-Paraffin: Filaggrin family member 2 Antibody [NBP1-91901] - Staining of human skin shows keratinocyte positivity in epidermal cells.



## Publications

Kaymak T, Kaya B, Wuggenig P et al. IL-20 subfamily cytokines impair the oesophageal epithelial barrier by diminishing filaggrin in eosinophilic oesophagitis Gut 2022-05-25 [PMID: 35613844] (IHC-P, Mouse)

Shih YH, Xu J, Kumar A, et al. Alterations of Immune and Keratinization Gene Expression in Papulopustular Rosacea by Whole Transcriptome Analysis J. Invest. Dermatol. 2019-11-06 [PMID: 31705873] (IF/IHC, Human)

Mohamad J, Sarig O, Godsel LM, et al. Filaggrin 2 Deficiency Results in Abnormal Cell-Cell Adhesion in the Cornified Cell Layers and Causes Peeling Skin Syndrome Type A. J Invest Dermatol. 2018-06-27 [PMID: 29758285] (PLA, Human)

Molin S, Merl J, Dietrich KA et al. The hand eczema proteome: imbalance of epidermal barrier proteins. Br. J. Dermatol. 2014-09-21 [PMID: 25244099] (IHC-P, Human)

### Details:

Filaggrin family member 2/Filaggrin2 or FLG2 antibody used for IHC on formalin-fixed paraffin-embedded skin biopsy samples from human chronic hand eczema (CHE) patients. Antibody used at 1:30 dilution and detected via LSAB method with DAKO REAL<sup>®</sup> Detection System, Alkaline Phosphatase/RED, Rabbit/Mouse (Figure 2).





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### **Products Related to NBP1-91901**

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NBP1-91901PEP	Filaggrin family member 2 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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