

Filaggrin Rabbit mAb

Catalog No.: A27251**Recombinant**

Basic Information

Observed MW

Refer to figures

Calculated MW

435kDa

Category

Monoclonal Antibodies

Applications

IF-P, IHC-P, ELISA

Cross Reactivity

Human

Clone No.

ARC3419

Background

The protein encoded by this gene is an intermediate filament-associated protein that aggregates keratin intermediate filaments in mammalian epidermis. It is initially synthesized as a polyprotein precursor, profilaggrin (consisting of multiple filaggrin units of 324 aa each), which is localized in keratohyalin granules, and is subsequently proteolytically processed into individual functional filaggrin molecules. Mutations in this gene are associated with ichthyosis vulgaris.

Recommended Dilutions

IF-P 1:500 - 1:2000**IHC-P** 1:500 - 1:2000

ELISA

Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

2312

Swiss-Prot

P20930

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

FLG1; ATOD2; FLG-1

Contact

 | 400-999-6126 | cn.market@abclonal.com.cn | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

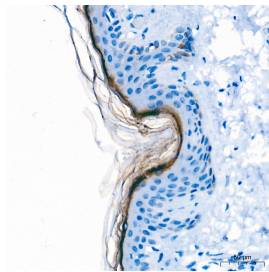
Purity

Affinity purification

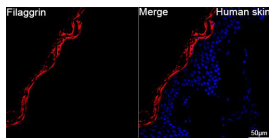
Storage

Store at -20°C

Validation Data



Immunohistochemistry analysis of paraffin-embedded Human skin tissue using Filaggrin Rabbit mAb (A27251) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Confocal imaging of paraffin-embedded Human skin tissue using Filaggrin Rabbit mAb (A27251, dilution 1:1000) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.