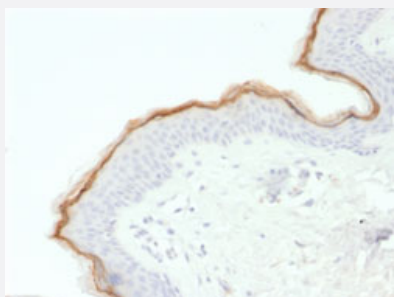


# FLG monoclonal antibody, clone FLG/1563

Catalog # MAB20966      Size 100 ug

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human skin with FLG monoclonal antibody, clone FLG/1563 (Cat # MAB20966).

## Specification

|                            |                                                                                                                                                          |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b> | Mouse monoclonal antibody raised against partial recombinant human FLG.                                                                                  |
| <b>Immunogen</b>           | Recombinant protein corresponding to amino acids 998-1104 of human FLG.                                                                                  |
| <b>Host</b>                | Mouse                                                                                                                                                    |
| <b>Reactivity</b>          | Human                                                                                                                                                    |
| <b>Form</b>                | Liquid                                                                                                                                                   |
| <b>Purification</b>        | Protein A/G purification                                                                                                                                 |
| <b>Isotype</b>             | IgG2b, kappa                                                                                                                                             |
| <b>Recommend Usage</b>     | Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.5-1 ug/mL)<br>The optimal working dilution should be determined by the end user. |
| <b>Storage Buffer</b>      | In 10 mM PBS.                                                                                                                                            |
| <b>Storage Instruction</b> | Store at -20 to -80°C.<br>Aliquot to avoid repeated freezing and thawing.                                                                                |

## Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human skin with FLG monoclonal antibody, clone FLG/1563 (Cat # MAB20966).

## Gene Info — FLG

Entrez GeneID [2312](#)

Protein Accession# [P20930](#)

Gene Name FLG

Gene Alias ATOD2

Gene Description filaggrin

Omim ID [135940](#) [146700](#) [603165](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** Profilaggrin is a major protein component of the keratohyalin granules of mammalian epidermis. It is initially expressed as a large polyprotein precursor which is subsequently proteolytically processed into individual functional filaggrin molecules. The filaggrins show wide species variations and their aberrant expression has been implicated in a number of keratinizing disorders (Baden et al., 1974 [PubMed 4132224]; Holbrook et al., 1982 [PubMed 6174530]; Sybert et al., 1985 [PubMed 2579164]).[supplied by OMIM]

**Other Designations** OTTHUMP00000014057|epidermal filaggrin

## Disease

- [Alopecia Areata](#)
- [Arthritis](#)
- [Asthma](#)
- [Bronchial Hyperreactivity](#)
- [Chronic Disease](#)
- [Dermatitis](#)
- [Disease Progression](#)

- [Eczema](#)
- [Food Hypersensitivity](#)
- [Genetic Predisposition to Disease](#)
- [Hearing](#)
- [Hearing Loss](#)
- [Hypersensitivity](#)
- [Ichthyosis](#)
- [Ichthyosis Vulgaris](#)
- [Inflammatory Bowel Diseases](#)
- [Kaposi Varicelliform Eruption](#)
- [Psoriasis](#)
- [Respiratory Sounds](#)
- [Rhinitis](#)
- [Skin Diseases](#)