



# Mouse anti-Human FLG monoclonal antibody, clone GMH02 (CABT-B10275)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	This antibody reacts with human filaggrin 38 KDa and pro-filaggrin (~ 400 KDa).
<b>Immunogen</b>	Recombinant protein corresponding to human FLG.
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	GMH02
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC
<b>Format</b>	Liquid
<b>Buffer</b>	In PBS, pH8.4(BSA, 0.09% sodium azide)
<b>Storage</b>	Store at 4°C. Do not freeze.

## BACKGROUND

<b>Introduction</b>	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
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vulgaris.[provided by RefSeq, Dec 2009]

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**Keywords** FLG; filaggrin; ATOD2; epidermal filaggrin;

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## GENE INFORMATION

**Entrez Gene ID** [2312](#)

**UniProt ID** [P20930](#)

**Function** calcium ion binding; nucleoside-triphosphatase activity; structural molecule activity;

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