



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

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

BACKGROUND

Introduction	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]

Keywords	FLG; filaggrin; ATOD2; epidermal filaggrin;
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GENE INFORMATION

Entrez Gene ID	2312
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UniProt ID	P20930
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Function	calcium ion binding; nucleoside-triphosphatase activity; structural molecule activity;
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