

Filaggrin-1
Mouse Monoclonal Antibody (Mab)
Catalog # APA160**Specification**

Filaggrin-1 - Product Information

Application	IHC
Primary Accession	P20930
Host	Mouse
Clonality	Monoclonal
Calculated MW	435170 Da

Filaggrin-1 - Additional Information

Gene ID	2312
Gene Name	FLG
Other Names	
Filaggrin, FLG	

Dilution

IHC~~1:100~500

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Filaggrin-1 is for research use only and not for use in diagnostic or therapeutic procedures.

Filaggrin-1 - Protein Information**Name** FLG**Function**

Aggregates keratin intermediate filaments and promotes disulfide-bond formation among the intermediate filaments during terminal differentiation of mammalian epidermis.

Cellular Location

Cytoplasmic granule. Note=In the stratum granulosum of the epidermis, localized within keratohyalin granules (PubMed:1429717). In granular keratinocytes and in lower corneocytes, colocalizes with calpain-1/CAPN1 (PubMed:21531719).

Tissue Location

Expressed in skin, thymus, stomach, tonsils, testis, placenta, kidney, pancreas, mammary gland, bladder, thyroid, salivary

gland and trachea, but not detected in heart, brain, liver, lung, bone marrow, small intestine, spleen, prostate, colon, or adrenal gland (PubMed:19384417). In the skin, mainly expressed in stratum granulosum of the epidermis (PubMed:1429717) (PubMed:19384417)

Filaggrin-1 - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Filaggrin-1 - Images