10320 Camino Santa Fe, Suite G San Diego, CA 92121 Tel: 858.875.1900 Fax: 858.875.1999



Filaggrin-1

Mouse Monoclonal antibody(Mab)
Catalog # AD80160

Product Information

Application IHC-P
Primary Accession P20930
Reactivity Human
Host Mouse
Clonality Monoclonal
Clone Names 451E5G8
Calculated MW 435170

Additional Information

Gene ID 2312 **Gene Name** FLG

Other Names Filaggrin, FLG

Dilution IHC-P~~Ready-to-use

Storage Maintain refrigerated at 2-8°C.

Precautions Filaggrin-1 Antibody is for research use only and not for use in diagnostic or

therapeutic procedures.

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

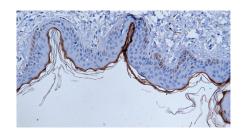
(PubMed:21531719).

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)

Images



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.