Antibody to Filaggrin

**Product Specifications**

**Cat. No.** VP-F706

**Description:**
Filaggrin mouse monoclonal antibody

**Immunoglobulin class:** IgG1, kappa

**Clone:** 15C10

**Immunogen:** Protein representing to a region of the amino-terminus of the human filaggrin molecule.

**Epitope:** Not determined.

**Presentation:**
Lyophilized tissue culture supernatant containing 15mM sodium azide. Reconstitute with 1 ml of distilled water.

**Species cross-reactivity:** Human

**Storage Conditions:**
Keep unopened vial at 2 - 8 °C for 1 year. Once opened it is recommended that reconstituted stock solution be aliquoted and quick frozen and stored at -20 °C. Do not repeatedly freeze/thaw.

**Applications:**

**Immunohistochemistry**
Paraffin sections: Antigen unmasking recommended.
Frozen sections: Not tested.

Working Dilution*: 1:50 - 1:100 for 1 hr at 25°C.
Positive Control: Skin. Cytoplasmic staining pattern.

**Western blotting:** Not tested.

* Recommended dilutions using VECTASTAIN® Elite® ABC Kits.

**Functional Aspects:**
Filaggrins are intermediate filament-associated proteins that interact with keratin intermediate filaments of terminally differentiating mammalian epidermis. Filaggrins have wide species variation and are implicated in certain skin disorders and rheumatoid arthritis. This antibody will help characterize filaggrin expression in a variety of tissues.

**Selected References**