**BACKGROUND**

Filaggrin (AKH1) is a mouse monoclonal antibody raised against purified foreskin Filaggrin of human origin.

**SOURCE**

Filaggrin (AKH1) is a mouse monoclonal antibody raised against purified foreskin Filaggrin of human origin.

**PRODUCT**

Each vial contains 200 μg IgG, kappa light chain in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

Filaggrin (AKH1) is available conjugated to agarose (sc-66192 AC), 500 μg/0.25 ml agarose in 1 ml, for IP; to HRP (sc-66192 HRP), 200 μg/ml, for WB, IHC(P) and ELISA; to either phycoerythrin (sc-66192 PE), fluorescein (sc-66192 FITC), Alexa Fluor® 488 (sc-66192 AF488), Alexa Fluor® 546 (sc-66192 AF546), Alexa Fluor® 594 (sc-66192 AF594) or Alexa Fluor® 647 (sc-66192 AF647), 200 μg/ml, for WB (RGB), IF, IHC(P) and FCM; and to either Alexa Fluor® 680 (sc-66192 AF680) or Alexa Fluor® 790 (sc-66192 AF790), 200 μg/ml, for Near-Infrared (NIR) WB, IF and FCM.

Alexa Fluor® is a trademark of Molecular Probes, Inc., Oregon, USA.

**APPLICATIONS**

Filaggrin (AKH1) is recommended for detection of Filaggrin and Profilaggrin of human origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000), immunofluorescence (starting dilution 1:50, dilution range 1:50-1:500) and immunohistochemistry (including paraffin-embedded sections) (starting dilution 1:50, dilution range 1:50-1:500).

Suitable for use as control antibody for Filaggrin siRNA (h): sc-43364, Filaggrin shRNA Plasmid (h): sc-43364-SH and Filaggrin shRNA (h) Lentiviral Particles: sc-43364-V.

Molecular Weight of Profilaggrin: 350 kDa.

Molecular Weight of processed Filaggrin: 26-45 kDa.

**STORAGE**

Store at 4° C, **DO NOT FREEZE**. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

**DATA**

**SELECT PRODUCT CITATIONS**


**PROTOCOLS**

See our web site at www.scbt.com for detailed protocols and support products.