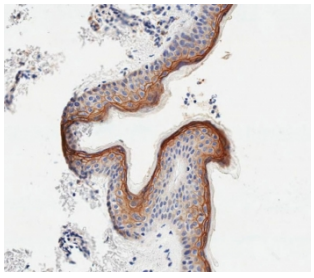
Sciellin Antibody / SCEL (F54353)

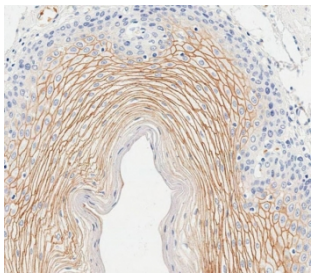
Catalog No.	Formulation	Size
F54353-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54353-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

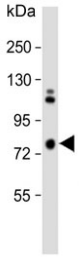
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	O95171
Localization	Cytoplasmic, plasma membrane
Applications	Immunohistochemistry (FFPE): 1:25 Western blot: 1:500-1:2000 Flow cytometry: 1:25 (1x10e6 cells)
Limitations	This Sciellin antibody is available for research use only.



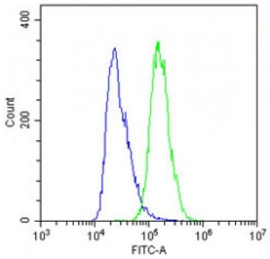
IHC testing of FFPE human skin tissue with Sciellin antibody. HIER: steam section in pH9 EDTA for 20 min and allow to cool prior to staining.



IHC testing of FFPE human esophagus tissue with Sciellin antibody. HIER: steam section in pH9 EDTA for 20 min and allow to cool prior to staining.



Western blot testing of human A431 cell lysate with Sciellin antibody. Predicted molecular weight ~77 kDa.



Flow cytometry testing of fixed and permeabilized human A431 cells with Sciellin antibody; Blue=isotype control, Green= Sciellin antibody.

Description

The protein encoded by this gene is a precursor to the cornified envelope of terminally differentiated keratinocytes. This protein localizes to the periphery of cells and may function in the assembly or regulation of proteins in the cornified envelope. Transcript variants encoding different isoforms exist. A transcript variant utilizing an alternative polyA signal has been described in the literature, but its full-length nature has not been determined.

Application Notes

The stated application concentrations are suggested starting points. Titration of the Sciellin antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 260-289 from the human protein was used as the immunogen for the Sciellin antibody.

Storage

Aliquot the Sciellin antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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