

Product datasheet

Anti-Plakophilin 1 antibody [19F10] ab151442

[1 Image](#)

Overview

Product name	Anti-Plakophilin 1 antibody [19F10]
Description	Mouse monoclonal [19F10] to Plakophilin 1
Host species	Mouse
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment, corresponding to amino acids 235-726 of Human Plakophilin 1 fused to maltose binding protein.

General notes

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
Storage buffer	Preservative: 0.1% Sodium azide Constituent: 99% PBS
Purity	Protein A purified
Clonality	Monoclonal
Clone number	19F10
Myeloma	NS1
Isotype	IgG1

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab151442 in the following tested applications.

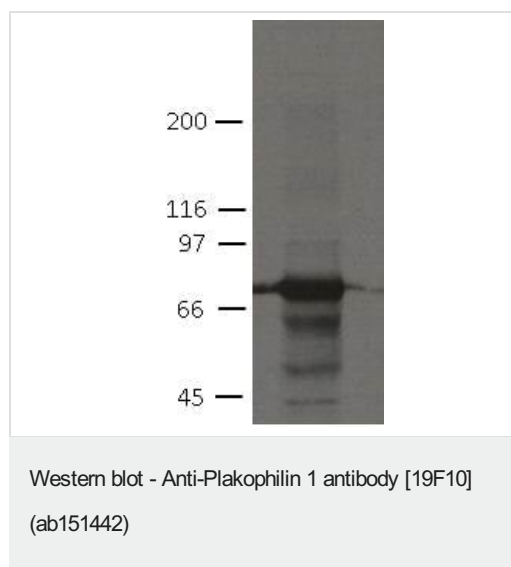
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/100. Predicted molecular weight: 81 kDa.

Target

Function	Seems to play a role in junctional plaques. Contributes to epidermal morphogenesis.
Tissue specificity	Isoform 2 is widely expressed. Isoform 1 is expressed in stratified squamous, complex, glandular duct and bladder epithelia.
Involvement in disease	Ectodermal dysplasia-skin fragility syndrome
Sequence similarities	Belongs to the beta-catenin family. Contains 9 ARM repeats.
Cellular localization	Nucleus and Nucleus. Cell junction, desmosome.

Images



Anti-Plakophilin 1 antibody [19F10] (ab151442) at 1/100 dilution + HaCat Human keratinocyte cells

Predicted band size: 81 kDa

Observed band size: 70 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you

- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors