

Product datasheet

A-431 whole cell lysate ab30132

Overview

Product name	A-431 whole cell lysate
Description	A-431 cell lysate
General notes	Cell line: A431 (Human epithelial carcinoma).

Protein is isolated from whole tissue homogenates using a proprietary technique. The tissue was frozen in liquid nitrogen immediately after excision and then stored at -70°C. Quality control: 1. The isolated protein pattern on SDS-PAGE gel is visualized by coomassie blue staining. The pattern is consistent with each lot. 2. The isolated protein is Western Blot analyzed by either a GAPDH or beta-actin antibody. The expression level is consistent with each lot.

Abcam has not and does not intend to apply for the REACH Authorisation of customers' uses of products that contain European Authorisation list (Annex XIV) substances.

It is the responsibility of our customers to check the necessity of application of REACH Authorisation, and any other relevant authorisations, for their intended uses.

Tested applications	Suitable for: WB
----------------------------	-------------------------

Properties

Mycoplasma free	Yes
Form	Liquid
Storage instructions	Store at -80°C. Allow to warm to room temp and agitate gently before aliquotting.
Storage buffer	Constituents: 1% 4-Nonylphenol, branched, ethoxylated, Potassium chloride, 0.1% Bromophenol blue, Magnesium chloride, 1.2% Beta mercaptoethanol, 2% Sodium lauryl sulfate, HEPES, Sucrose, 10% Glycerol

With Protease inhibitor cocktail/EDTA/Sodium deoxycholate

Lysate notes	Protein is isolated from whole tissue homogenates using a proprietary technique. The tissue was frozen in liquid nitrogen immediately after excision and then stored at -70°C. Quality control: 1. The isolated protein pattern on SDS-PAGE gel is visualized by coomassie blue staining. The pattern is consistent with each lot. 2. The isolated protein is Western Blot analyzed by either a GAPDH or beta-actin antibody. The expression level is consistent with each lot.
---------------------	---

Background	A431 cells are a positive control for EGFR as they express high levels of EGFR. They also used for cell cycle studies and can be stimulated with EGF to stimulate EGFR and are therefore a very useful model to study EGFR downstream signalling cascades eg shc, src, MAPK.
-------------------	--

Applications

The Abpromise guarantee

Our [Abpromise guarantee](#) covers the use of ab30132 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		Use at an assay dependent dilution. Samples need to be boiled for 5 minutes and put on ice before use.

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