

Product datasheet

HeLa whole cell lysate ab29545

2 References

Overview

Product name

HeLa whole cell lysate

General notes

Protein is isolated from HeLa cell pellet using a proprietary technique. The pellet was frozen in liquid nitrogen immediately 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

Allow to warm to room temp and agitate gently before aliquotting. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle.

Storage buffer

Constituents: 0.06% Potassium chloride, 0.03% Magnesium chloride, 0.4% HEPES, 1.2% Sucrose, 1.8% Glycerol (glycerin, glycerine), 2.5% EDTA, 0.5% Sodium deoxycholate

With Protease inhibitor cocktail/EDTA/Sodium deoxycholate

Lysate notes

Protein is isolated from HeLa cell pellet using a proprietary technique. The pellet was frozen in liquid nitrogen immediately 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

HeLa cells are human epithelial cells from a fatal cervical carcinoma. The cell line was derived from cervical cancer cells taken from Henrietta Lacks, in 1951. Horizontal gene transfer from human papillomavirus 18 (HPV18) to human cervical cells created the HeLa genome which is different from either parent genome in various ways including its number of chromosomes. HeLa

cells have a modal chromosome number of 82, with 4 copies of chromosome 12 and 3 copies of chromosomes 6, 8, and 17. HeLa cells are adherent cells (they stick to surfaces) and maintain contact inhibition in vitro.

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab29545 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