

Product datasheet

HeLa whole cell lysate ab29545

1 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: 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

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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.

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