

## Product datasheet

# HeLa nuclear extract lysate (TPA stimulated 2 hr) ab14653

### Overview

<b>Product name</b>	HeLa nuclear extract lysate (TPA stimulated 2 hr)
<b>General notes</b>	Cells were cultured in medium supplemented with 50 ng/mL TPA (phorbol, 12 myristate, 13 acetate) for two hours at 37°C immediately prior to harvesting. We recommend aliquoting the extracts into single use fractions and then storing.
<b>Tested applications</b>	<b>Suitable for:</b> WB, EMSA

### Properties

<b>Mycoplasma free</b>	Yes
<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	pH: 7.90 Constituents: 0.75% Potassium chloride, 0.009% PMSF, 0.01% Magnesium chloride, 0.008% DTT, 0.48% HEPES, 20% Glycerol

<b>Background</b>	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.
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### Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab14653 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.

Application	Abreviews	Notes
EMSA		Use at an assay dependent dilution.

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

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