

Product datasheet

HeLa nuclear extract lysate (TNF alpha stimulated)
ab14652

1 Image

Overview

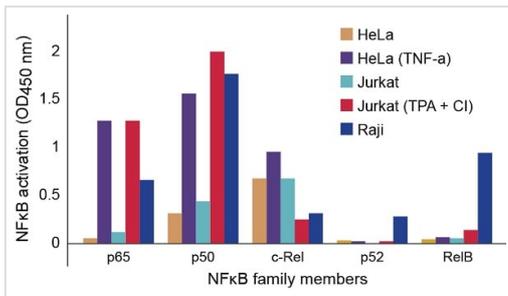
Product name	HeLa nuclear extract lysate (TNF alpha stimulated)
General notes	<p>The HeLa nuclear extracts have been collected in Lysis Buffer after a 30 minute incubation with or without TNF alpha. The protein content has been determined by a Bradford based assay (20 ng/ml). We recommend aliquoting the extracts into single use fractions and then storing.</p> <p>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.</p> <p>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.</p>

Properties

Mycoplasma free	Yes
Form	Liquid
Storage instructions	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
Storage buffer	<p>pH: 7.5</p> <p>Constituents: 0.004% EGTA, 0.01% Magnesium chloride, 0.077% DTT, 0.48% HEPES, 0.015% EDTA, 20% Glycerol, 2.05% Sodium chloride, 1% Ethoxy Ethanol</p> <p>With Protease inhibitors</p>

Background	<p>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.</p>
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Images



Functional Studies - HeLa nuclear extract lysate
(TNF alpha stimulated) (ab14652)

Each lot has been tested for NFκappaB activation. The signal intensity for NFκappaB activation in each lot is compared to the signal intensity obtained with extracts from unstimulated HeLa cells. After the signals are blanked, the ratio of the signals from stimulated cells over unstimulated cells must be above 4. This ratio may vary depending on the basal level of NFκappaB activation in a given cell type.

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