

## Product datasheet

# HeLa Whole Cell RIPA Extract ab170197

[2 Images](#)

### Overview

<b>Product name</b>	HeLa Whole Cell RIPA Extract
<b>Sample type</b>	Cell Lysate
<b>Product overview</b>	HeLa cells are an adherent human epithelial cell line derived from a cervical carcinoma. HeLa cells were lysed using radio immunoprecipitation assay (RIPA) buffer supplemented with protease and phosphatase inhibitors, centrifuged and the supernatant collected. Protein concentration of the extract was determined by BCA assay. This products is suitable for sandwich ELISAs, Immunoprecipitation, SDS-PAGE and Western Blotting.

Avoid freeze-thaw cycles with this product.

Concentration: Each unit contains a minimum of 300 µg at a lot-specific concentration. See label for concentration.

<b>Notes</b>	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.
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<b>Tested applications</b>	<b>Suitable for:</b> SDS-PAGE, IP, WB, Blocking, Sandwich ELISA
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### Properties

<b>Storage instructions</b>	Store at -80°C. Please refer to protocols.
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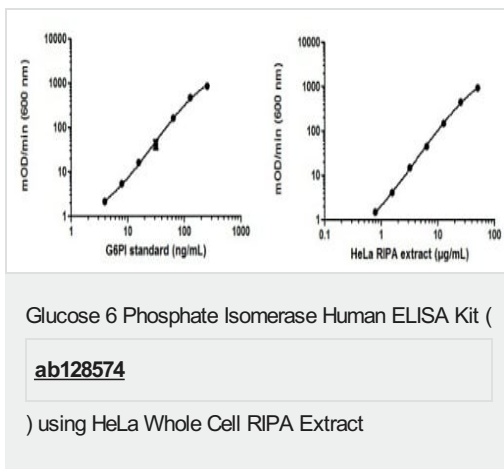
Components	2 units
HeLa Whole Cell RIPA Extract	2 vials

### Applications

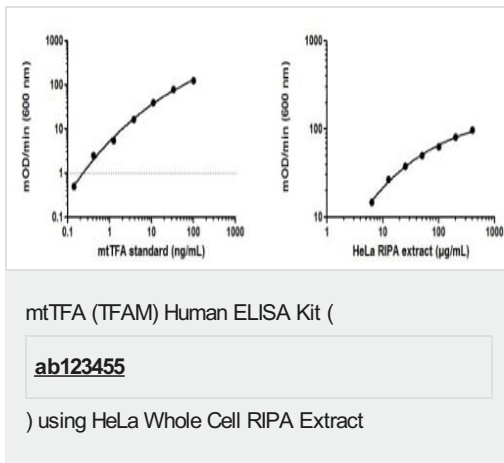
**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab170197 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
<b>SDS-PAGE</b>		Use at an assay dependent concentration.
<b>IP</b>		Use at an assay dependent concentration.
<b>WB</b>		Use at an assay dependent concentration.
<b>Blocking</b>		Use at an assay dependent concentration.
<b>Sandwich ELISA</b>		Use at an assay dependent concentration.

## Images



Glucose 6 Phosphate Isomerase (G6PI) protein was assayed in HeLa Whole Cell RIPA Extract (ab170197) in triplicate using Glucose 6 Phosphate Isomerase Human ELISA Kit ([ab128574](#)). A standard curve generated using the G6PI standard protein is shown (left image). G6PI signal using 2-fold serial dilutions of ab170197 starting at 50 µg/mL (right image). The G6PI concentration in the HeLa Whole Cell RIPA Extract was interpolated to be 24.9 µg/mL.



Mitochondrial Transcription Factor A (mtTFA) protein was assayed in HeLa Whole Cell RIPA Extract (ab170197) in triplicate using mtTFA (TFAM) Human ELISA Kit ([ab123455](#)). A standard curve generated using the mtTFA standard protein is shown (left panel). mtTFA signal using 2-fold serial dilutions of ab170197 starting at 400 µg/mL is shown (right panel). The mtTFA concentration in the HeLa Whole Cell RIPA Extract was interpolated to be 841 ng/mL.

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

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### **Terms and conditions**

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