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## A549 Lysate

CATALOG NUMBER: 1203

### Specifications

<b>TISSUE/CELL TYPE:</b>	A549 (Human Lung Carcinoma)
<b>SPECIES:</b>	Human
<b>DIAGNOSIS:</b>	Tumor
<b>TESTED APPLICATIONS:</b>	WB

### Properties

<b>BUFFER:</b>	A549 lysate is supplied in SDS sample buffer containing 5% $\beta$ -mercaptoethanol.
<b>CONCENTRATION:</b>	2 mg/mL
<b>STORAGE CONDITIONS:</b>	Store at 2-8°C for continuous use. For extended storage, freeze working aliquots at -70°C. Repeated freezing and thawing is not recommended. Under proper storage conditions the shelf life is half a year from the date of receipt.
<b>SHIPPING:</b>	

### Product Description

A549 lysate was prepared by homogenization in modified RIPA buffer (150 mM sodium chloride, 50 mM Tris-HCl, pH 7.4, 1 mM ethylenediaminetetraacetic acid, 1 mM phenylmethylsulfonyl fluoride, 1% Triton X-100, 1% sodium deoxycholic acid, 0.1% sodium dodecylsulfate, 5 ug/ml of aprotinin, 5 ug/ml of leupeptin. Cell debris was removed by centrifugation. Protein concentration was determined with Bio-Rad protein assay. The A549 lysate was boiled for 5 min in 1 x SDS sample buffer (50 mM Tris-HCl pH 6.8, 12.5% glycerol, 1% sodium dodecylsulfate, 0.01% bromophenol blue) containing 5%  $\beta$ -mercaptoethanol.

Disclaimer: This product is intended for laboratory research purposes only and should be used by qualified personnel only. ProSci lysates are not intended for use in humans. ProSci is not liable for damages or injuries resulting from receipt and/or use of ProSci lysates.

Additional Disclaimer: Products are intended for laboratory research purposes only and should be used by qualified personnel only. They are not intended for use in humans. ProSci is not liable for damages or injuries resulting from receipt and/or use of ProSci materials. Please refer to the Material Safety Data Sheet (MSDS) for safe storage, handling, and use procedures. Also, for further information on the biosafety classification of human etiologic agents, please consult the U.S. Department of Health and Human Services, Centers for Disease Control and Prevention's Office of Health and Safety ([www.cdc.gov/od/ohs](http://www.cdc.gov/od/ohs)).

**FOR RESEARCH USE ONLY**

January 5, 2018