

## Product datasheet

# Y79 nuclear extract lysate ab14915

### Overview

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<b>Product name</b>	Y79 nuclear extract lysate
<b>General notes</b>	Extracts have been quality control tested by Western blot and the Electrophoretic Mobility Shift Assay (EMSA).

### Properties

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<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>	Y-79 cells are used as an in vitro model for retina and retinal tumour growth. They have been recently used as research tools to investigate the function of retinoic acid in the regulation of cell proliferation and differentiation, in studies of the role of Pigment epithelium-derived factor (PEDF) in cell-surface receptor binding to its receptors present on Y-79 cells, and in the role of pituitary adenylyl cyclase-activating polypeptide (PACAP) receptor type 1 signalling.

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