

Product datasheet

A-431 nuclear extract lysate (EGF treated) ab14635

Overview

Product name	A-431 nuclear extract lysate (EGF treated)
General notes	Cell line: A431 (Human epithelial carcinoma). Cells were cultured in medium supplemented with 10 ng/mL EGF (epidermal growth factor) for 10 minutes at 37°C immediately prior to harvesting. We recommend aliquoting the extracts into single use fractions and then storing.

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	pH: 7.90 Constituents: 0.75% Potassium chloride, 0.009% PMSF, 0.01% Magnesium chloride, 0.008% DTT, 0.48% HEPES, 20% Glycerol
Background	A431 cells are a positive control for EGFR as they express high levels of EGFR. They also used for cell cycle studies and can be stimulated with EGF to stimulate EGFR and are therefore a very useful model to study EGFR downstream signalling cascades eg shc, src, MAPK.

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