

LW0103S

A431+EGF Lysate

Whole cell lysate boiled in SDS-PAGE sample buffer prepared from A431 cells that were cultivated to 70-90% confluency and deprived of serum for 18-20 hours and then treated for 100 ng/ml epidermal growth factor (EGF) for 5 minutes prior to harvesting



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Production

Product Name Long:	Human epidermoid carcinoma A431 cells - Whole lysate
Production Method:	A431 cells were cultivated to 70-90% confluency and deprived of serum for 18-20 hours and then treated for 100 ng/ml epidermal growth factor (EGF) for 5 minutes prior to harvesting. Lysates were prepared from scrapped cells that were homogenized by sonication in buffer formulated with 1% Triton X-100, 60 mM β -glycerophosphate, pH 7.2, 20 mM MOPS, 20 mM sodium pyrophosphate, 30 mM sodium fluoride, 5 mM EDTA, 3 mM benzamidine, 2 mM EGTA, 1 mM sodium orthovanadate, 1 mM phenylmethylsulfonylfluoride, 1 mM di thiothreitol, 10 μ M leupeptin, and 5 μ M pepstatin. Lysates were prepared following sonication and 30 min ultracentrifugation at 100,000 rpm. Lysates were further diluted in SDS-PAGE sample buffer at a final concentration of 2 mg/ml.
Amount:	200 μ g
Protein Concentration:	2 mg/ml
Storage Stability:	1 year at -70°C

Applications

Lysate Use Description:	For testing antibodies by immunoblotting.
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This product is for in vitro research use only and is not intended for use in humans or animals.

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