



Positive Antigen Controls

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EGF-Stimulated A431 Cell Lysate (human carcinoma cell line) Catalog # 12-302

Product Description: Cellular protein preparation. Cells were cultured for 20 minutes in the presence of 50ng/ml EGF (Catalog # 01-107), lysed in modified RIPA buffer (50mM Tris-HCl, pH 7.4, 1% NP40, 0.25% sodium deoxycholate, 150mM NaCl, 1mM EDTA, 1mM PMSF, 1 μ g/ml aprotinin, 1 μ g/ml leupeptin, 1 μ g/ml pepstatin, 1mM Na₃VO₄, 1mM NaF) and **diluted with non-reducing sample buffer** (31mM Tris-HCl, pH 6.8, 5% glycerol, 1% SDS, 0.002% bromophenol blue).

Use: Add 2.5 μ l of 2-mercaptoethanol/100 μ l of lysate and boil for 5 minutes to reduce the preparation. Load 20 μ g of reduced lysate per lane for immunoblot analysis. This preparation may be used as a positive control for some of Upstate's antibodies.

Quantity and Formulation: 100 μ g in 100 μ l of RIPA diluted with non-reducing sample buffer. Concentration: 1mg/ml. Frozen solution.

Storage and Stability: Stable for 6 months at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

FOR RESEARCH USE ONLY
NOT FOR USE IN HUMANS