



## **Positive Antigen Controls**

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### **EGF-Stimulated A431 Cell Lysate**

(human carcinoma cell line)

Catalog # 12-302

Lot # 29585

**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 $\mu$ g/ml aprotinin, 1 $\mu$ g/ml leupeptin, 1 $\mu$ g/ml pepstatin, 1mM Na<sub>3</sub>VO<sub>4</sub>, 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 $\mu$ l of 2-mercaptoethanol/100 $\mu$ l of lysate and boil for 5 minutes to reduce the preparation. Load 20 $\mu$ 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 $\mu$ g in 100 $\mu$ 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**