



**upstate**

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## Certificate of Analysis

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**3T3/A31 Cell Lysate**  
(murine fibroblast cell line)  
Catalog # 12-305  
Lot # DAM1493358

**Product Description:** Cellular protein preparation. Cells were lysed in modified RIPA buffer (50mM Tris-HCl, pH 7.4, 1% NP40, 0.25% sodium deoxycholate, 150mM NaCl, 1mM EDTA, 1mM PMSF, 1µg/ml aprotinin, 1 µg/mL leupeptin, 1 µg/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% bromphenol blue).

**Use:** Add 2.5 µL of 2-mercaptoethanol/100µL of lysate and boil for 5 minutes to reduce the preparation. Load 20 µg 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 µg in 100µL 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**

Unless otherwise stated in our catalog or other company documentation accompanying the product(s), our products are intended for research use only and are not to be used for any other purpose, which includes but is not limited to, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses or any type of consumption or application to humans or animals.