LW0311S

HeLa+PMA Lysate

Whole lysate boiled in SDS-PAGE sample buffer from HeLa cells that were cultivated to 70-90% confluency and deprived of serum for 18-20 hours and then 100 nM phorbol 12,13-myristate acetate (PMA) for 5 minutes prior to harvesting

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Production

Product Name Long:	Human epidermoid carcinoma HeLa cells - PMA-treated Whole lysate
Production Method:	HeLa cell lysates were cultivated to 70-90% confluency and deprived of serum for 18-20 hours and then 100 nM phorbol 12,13-myristate acetate (PMA) for 5 minutes prior to harvesting. Lysates were prepared from scrapped cells that were homogenized by sonic ation 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 dithiothreitol, 10 µM leupeptin, and 5 µM 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 µg
Protein Concentration:	2 mg/ml
Storage Stability:	1 year at -70°C

Applications

Lysate Use Description:	For testing antibodies by immunoblotting.