

Mouse C2C12 Cell Lysate

Catalog No.	PX310A	Quantity:	100 µg
Description:	C2C12 lysate was prepared by homogenization in modified RIPA buffer (150 mM sodium chloride, 50 mM Tris-HCl, pH 7.4, 1 mM ethylenediaminetetraacetic acid, 1 mM phenylmethylsulfonyl fluoride, 1% Triton X-100, 1% sodium deoxycholic acid, 0.1% sodium dodecylsulfate, 5 µg/ml of aprotinin, 5 µg/ml of leupeptin. Cell debris was removed by centrifugation. Protein concentration was determined with Bio-Rad protein assay. The A431 lysate was boiled for 5 min in 1 x SDS sample buffer (50 mM Tris-HCl pH 6.8, 12.5% glycerol, 1% sodium dodecylsulfate, 0.01% bromophenol blue) containing 50 mM DTT.		
Concentration:	2.0 mg/ml		
Cell Line:	C2C12 cell line (Murine myoblast)		
Growth Medium:	DMEM with 10% fetal bovine serum		
Formulation:	Supplied in SDS sample buffer containing 50 mM DTT.		
Applications:	Western blot		
Application Notes:	Centrifuge vial before use. Lysate is ready to load on SDS -PAGE for Western blotting. 20 µg per lane is recommended for a mini gel. The optimal concentration should be determined for each specific application.		
Storage & Stability:	Store at 2-8°C for continuous use. Store in working aliquots at -80°C for up to 1 year. Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



Cell Sciences®
65 Parker Street
Unit 11
Newburyport, MA 01950

Toll Free: 888-769-1246
Phone: 978-572-1070
Fax: 978-992-0298

E-mail: info@cellsciences.com
Website: www.cellsciences.com