

# C2C12 whole cell lysate ab7182

## 概述

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|-------|--|
| 产品名称  | C2C12全细胞裂解物  |
| 常规说明  | <p>Cell line: C2C12 (muscle; myoblast).</p> <p>Growth media: DMEM and 10% fetal bovine serum.</p> <p>Mouse C2C12 cell lysate was prepared by homogenization in modified RIPA buffer (50mM Tris-HCl, pH 7.4, 1% Triton X-100, 0.2% sodium deoxycholate, 0.2% sodium dodecylsulfate (SDS), 1 mM sodium ethylenediaminetetraacetate, 1 mM phenylmethylsulfonyl flouride, 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 cell lysate was boiled for 5 min in 1 x SDS sample buffer (0.045 M Tris-HCl pH 6.8, 10% glycerol, 1% sodium dodecylsulfate, 0.01% bromophenol blue), containing 0.05 M DTT.</p> |
| 经测试应用 | 适用于: WB  |

## 性能

|                 |  |
|-----------------|--|
| Mycoplasma free | Yes  |
| 形式              | Liquid   |
| 存放说明            | Shipped at 4°C. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle.  |
| 存储溶液            | <p>pH: 7.20</p> <p>Constituent: 100% SDS Sample Buffer</p>   |
| 裂解物说明           | <p>Mouse C2C12 cell lysate was prepared by homogenization in modified RIPA buffer (50mM Tris-HCl, pH 7.4, 1% Triton X-100, 0.2% sodium deoxycholate, 0.2% sodium dodecylsulfate (SDS), 1 mM sodium ethylenediaminetetraacetate, 1 mM phenylmethylsulfonyl flouride, 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 lysate was boiled for 5 min in 1 x SDS sample buffer (50 mM Tris-HCl pH 6.8, 12.5% glycerol, 1% SDS, 0.01% bromophenol blue) containing 5% b-mercaptoethanol.</p> |
| 背景              | <p>C2C12 cells were originally obtained by Yaffe and Saxel (1977) through selective serial passage of myoblasts cultured from the thigh muscle of C3H mice 70 h after a crush injury. These cells were shown to be capable of differentiation. C2C12 cells are a useful model to study the differentiation of non-muscle cells to skeletal muscle cells (e.g myosin phosphorylation mechanisms) and express muscle proteins and the androhen receptor (AR).</p>  |

## 应用

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| 应用 | Ab评论 | 说明  |
|----|------|---|
| WB |      | Use at an assay dependent dilution. Ready to load on SDS-PAGE for Western blotting, 20 µg per lane is recommended for mini gel. |

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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