

Positive Control Cell Lysate

LC3 II enriched cell fraction (from PC3 cells)

Order No.: 1042/PC3/LC3II

Lot: 1042



www.nanotools.de

orders & support:

email: info@nanotools.de phone: +49-7641-455 670 +49-7641-455 671 fax:

01/140812F

Formulation

The cell fraction containing LC3 II was prepared from semiconfluent PC3 cells with LC3 I buffer (order no. 3041-050/LC3I-buffer) following LC II buffer (order no. 3042-025/LC3II-buffer) from the LC3-kit (order no. 3043/LC3-KIT).

Extracted proteins were lyophilized. 1 vial corresponds to 3,7 x 10⁶ cells. The sample contains SDS and 0,001% Bromophenolblue.

Reconstitution

Reconstitute by addition of 200 µl H₂O. After complete solubilization add 200 µl 2x SDS-PAGE sample buffer, mix and incubate at 90°C for 5 min.

Aliquote and store frozen. Avoid repeated freeze/thaw cycles.

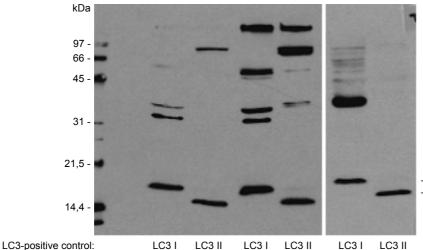
Application

The positive control cell lysate is recommended for immunoblot applications.

Use 20µl / lane (mini gel) for HRPO/ECL detection of the target proteins. 20µl / lane is equivalent to approx. 10⁵ cells.

Please note:

The lyophilized cell lysates contain SDS and are not recommended for applications with native proteins such as immunoprecipitation.



developed with: exposure time:

LC3 II LC3 I LC3 II 1 μ g/ml LC3-2G6 0,5 μ g/ml LC3-5F10 2 μ g/ml LC3-5H3 30 sec 30 sec 3 min

Detection of LC3I and LC3II (Western Blot)

on positive controls PC3-LC3I (no. 1041) PC3-LC3II (no. 1042)

with mabs

LC3B: LC3-2G6 (no. 0260) LC3B: LC3-5F10 (no. 0231) LC3ABC: LC3-5H3 (no. 0261)

- LC3 I - LC3 II