

# Human Lung Adenocarcinoma NCI-H23 Whole Cell Lysate

**Cat. No.** NCI-H23-041WCY    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | NCI-H23 (Human Lung Adenocarcinoma) Whole Cell Lysate                                                                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                     |
| <b>Source</b>           | Lung                                                                                                                                                                                                                      |
| <b>Description</b>      | The NCI-H23 cell line was established from lung cancer tissue from a 51-year-old male with lung adenocarcinoma.                                                                                                           |
| <b>Applications</b>     | IP, WB                                                                                                                                                                                                                    |
| <b>Stability</b>        | The lysate is stable for at least one year from date of shipping when stored at -80 centigrade. After incubation with SDS-PAGE sample buffer, SDS-PAGE samples need to be stored in -20 centigrade for long term storage. |
| <b>Storage</b>          | Store the lysate at -80 centigrade and avoid repeated freeze / thaw cycles.                                                                                                                                               |
| <b>Concentration</b>    | 1 vial of 100 µg whole cell lysate in RIPA buffer.<br>1 vial of 250 µL 2 x SDS Sample Buffer (4% SDS, 125 mM Tris-HCl pH 6.8, 10 % Glycerol, 0.002 % Bromphenol blue, 100 mM DTT)                                         |
| <b>Storage Buffer</b>   | Modified RIPA buffer (25 mM Tris-HCl pH 7.6, 150 mM NaCl, 1% NP-40, 1 mM EDTA, 1 x Proteinase inhibitor cocktail mix (Sigma) and 1 mM Na3VO4)                                                                             |
| <b>Shipping</b>         | Shipped on dry ice.                                                                                                                                                                                                       |

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