

## Human Colon Adenocarcinoma KM12 Whole Cell Lysate

**Cat. No.** KM12-022WCY    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | KM12 (Human Colon Adenocarcinoma) Whole Cell Lysate                                                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                     |
| <b>Source</b>           | Colon                                                                                                                                                                                                                     |
| <b>Description</b>      | The poorly metastatic KM12 cell line was isolated from a colorectal carcinoma classified as Dukes B2, as per a 2004 study in the Journal of Pharmacology and Experimental Therapeutics.                                   |
| <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)                                                                             |

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**Shipping**

Shipped on dry ice.

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